

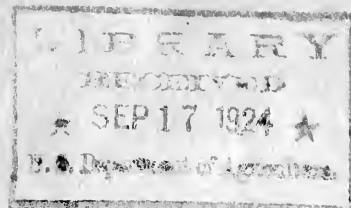
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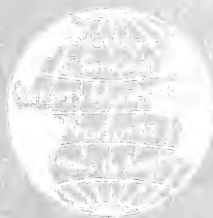
c 1924



# Hardy Herbaceous Plants



Bobbink & Atkins



Rutherford New Jersey

# INTRODUCTION

**I**N PRESENTING this revised edition of our Illustrated Perennial Catalogue, we wish to thank our customers for their liberal past patronage and take pleasure in soliciting their further valued orders.

**ROSES.** Our special Illustrated Rose Catalogue is replete with varieties of Roses for every kind of planting. Mailed upon request.

## BUSINESS TERMS AND SUGGESTIONS

**CORRESPONDENCE SOLICITED.** We give every inquiry careful attention, and ask that each inquiry be made as brief and clear as possible.

**ORDER EARLY.** It greatly facilitates shipment if orders are received early. Please write orders on Order Sheets accompanying catalogue.

**IMPORTANT.** Please advise, when ordering, if you wish goods shipped by express or freight, giving best route for quick delivery. We will not warrant prompt delivery of goods shipped by freight. Please write Name, Post Office, County, State, and Number of Street, as plainly as possible; also any other information necessary to expedite delivery.

**PRICES** in this catalogue are f. o. b. Rutherford, N. J. Packing is charged at cost. Postage will be charged at the rate of 10% on the amount of the bill for packages forwarded by Parcel Post. This catalogue cancels all sales conditions and prices quoted in previous catalogues.

**TERMS.** Cash or satisfactory references must accompany all orders, unless the party ordering has an open account.

**OUR RESPONSIBILITY.** While we exercise the greatest care to have our nursery products all genuine and reliable, and hold ourselves prepared to replace, on proper proof, all that prove untrue, we do not give any warranty, expressed or implied, or guarantee them to live and grow or give specific results. In case of any error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than the original price of the goods. No complaints will be considered that are not made within ten days after the receipt of the stock.

**COMPLAINTS.** All errors and omissions in the execution of orders will be satisfactorily adjusted, if we are notified immediately upon receipt of goods.

**HEAD GARDENERS AND ASSISTANTS.** We have a list of competent applicants awaiting engagements. We shall be glad to furnish these names to those requiring the services of trained Horticulturists.

**HOW TO REACH OUR NURSERIES.** Visitors invited. Our Nurseries, consisting of 500 acres, are located within 8 miles of New York City. The automobile roads leading to our Nurseries are exceptionally fine. Rutherford is the first and Carlton Hill the second station on the main line of the Erie Railroad. Take the Hudson Tunnel at 33d Street or at Cortlandt Street Terminal—trains connect with the Erie Railroad at Jersey City. The Carlton Hill Station is only five minutes' walk from our Office and Nurseries.

**OUR SHIPPING FACILITIES.** We are admirably located to ship to all parts of the country, being only 8 miles from New York City. We can ship by express and freight via Erie Railroad from Rutherford, express or freight via D., L. & W. R. R. from Passaic, and by Carlton Hill Express Co., which connects with all railroad companies, boat and railroad lines leaving New York City and Newark. We advise large orders to be shipped in car-lots from Rutherford, as little or no delay occurs in shipping this way.

**AUTO TRUCK DELIVERY.** We are in a position to make deliveries by auto truck to points within 75 miles of Rutherford, N. J. Charges are made according to the size of truck required and the distance. The advantages of truck delivery are many; the cost of boxing, freight and cartage is eliminated; the stock is delivered in a much better condition than if packed in cases; and, above all, the goods are landed on the grounds within a short time after being dug. It is the most satisfactory and economical method of transportation providing the order is of sufficient size.

**TRANSPORTATION RULES.** Our products are shipped and travel at the purchaser's risk. We do not guarantee safe delivery. Our responsibility ceases when we make delivery to the transportation company or on the grounds of the purchaser. The ownership of all goods sold by us passes to the purchaser on delivery by us to the carrier, and the issuing of a receipt by the carrier ends our responsibility. Any claims for damage should be made promptly to the agent at the point of delivery.

Trusting again to be favored with your patronage and promising our best efforts to give satisfaction, we are,

Yours respectfully,

**BOBBINK & ATKINS, Rutherford, N. J.**



# HARDY HERBACEOUS PLANTS



BOBBINK & ATKINS  
RUTHERFORD · NEW JERSEY



LARGE-FLOWERING CHRYSANTHEMUMS. See page 13

1 Eden  
4 Champ d'Or  
7 Chaldon  
10 Cranford's White

2 Dorothy  
5 Bronze Source d'Or  
8 Champagne  
11 Mr. Rux

3 L'Argenteuilais  
6 Cranfordia  
9 Goacher's Crimson  
12 Tints of Gold



## Hardy Herbaceous or Perennial Plants

By this term is meant such plants as may be allowed to remain permanently in the open ground, whose foliage dies down to or near the ground each autumn, coming forth again with renewed vigor the following spring, giving a continuation of bloom from early spring until frost.

In presenting this revised catalogue, we are pleased to inform our patrons that we have many acres of land planted with the finest varieties of Hardy Perennials, and we are constantly searching for and adding new and rare varieties of merit to our extensive collection.

Most of our Herbaceous Plants are shipped from the field, the so-called field-grown clumps, but for late spring and summer planting we have a large collection in pots, as indicated by a star (\*). These are not merely seedlings put into pots, but field-grown clumps well rooted.

All our rockery plants are grown in pots. This is a great advantage in overcoming the difficulty of planting field-grown plants in the soil-pockets, their size usually being limited.

**Color Effect.** One of the most important points in the arrangement of a garden is the placing of the flowers with regard to their color effect. Too often a garden is an assemblage of plants placed together haphazardly, or if any intention be perceptible, as is commonly the case in the bedding system, it is to obtain as great a number as possible of the most violent contrasts. Then, in mixed borders, one usually sees lines or evenly distributed spots of color, inharmonious, wearying and annoying to the eye, and proving how poor an effect can be got by the misuse of the best materials. Should it not be remembered that in the arrangement of a garden we are painting a picture—a picture of hundreds of feet or yards, instead of so many inches, painted with living flowers and seen in open daylight, so that to paint it rightly is a debt we owe to the beauty of the flowers and to the light of the sun? The colors should be placed with careful forethought and deliberation, as a painter employs them on his picture, and not dropped down in lifeless daubs.



**Preparation of the Border and Soil.** Having decided on the length and width of the border, proceed to trench the border 1½ feet deep, thoroughly mixing a liberal amount of manure at different depths. This deep trenching and manuring in not too light soil will last five or six years by only adding a top dressing every year and dividing and replanting the strongest growing perennials.

**Planting.** Many flower-lovers make the mistake of planting too great a variety instead of using at least five or more plants of each variety, assuring not only a mass effect but also a continuation of flowers.

**Care.** Very little care, if any, is needed. A fairly good soil should be selected, to begin with, with occasional enrichings, a little cultivation to eradicate the weeds, the cutting down of the old dead tops. A slight covering of a few of the varieties in choice collections is sufficient winter protection.

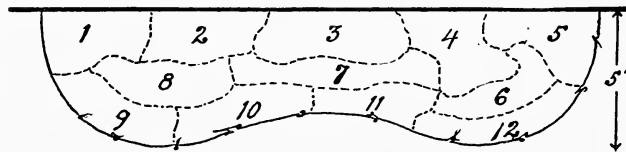
Besides the height and color given in this catalogue, we have added, in the back, an alphabetical index, including the flowering period, approximate height, and color of each variety, which will enable our customers to select their required number of plants at a glance.

**In ordering,** care should be taken to select a collection of varieties that will furnish a continuance of bloom the entire season, or for what period the flowers are wanted. Therefore, when requested, we will select suitable varieties for inexperienced customers. With our experience, we can supply collections both large and small in extent, that will give entire satisfaction in any situation.

We solicit inquiries from persons laying out extensive places; estimates will be furnished for any quantities desired. Our stock of Herbaceous Plants is very extensive and complete.

## Start Your Flower Garden with Our Special Selection of 100 Choice Perennials, \$15.00

There is no one, without doubt, in this wide world who, at some time in his or her life, has not wished for a flower garden. Our special offer above affords an opportunity for every lover of flowers to have a small garden or the start of a larger one.



The little sketch shows how to proceed with the layout and placement of the twelve varieties of perennials in our offer, the taller growing ones being placed in the rear, the mediums in the center, and the low

growing ones in the front, as shown by the numbers 1, 2, 3, etc., each of which refers to one of the twelve varieties. These plants should be planted approximately a foot apart. Good garden soil should be used, the whole bed being well spaded before planting.

### No. Plants

1. 8 Canterbury Bells (*Campanula*). 3 ft., white.
2. 8 Hollyhocks (*Althea*). 4 to 5 ft., pink.
3. 10 Helianthus, Soleil d'Or. 4½ ft., yellow.
4. 8 Foxgloves (*Digitalis*). 3 to 4 ft., purple.
5. 8 Phlox, Mrs. Jenkins. 3 to 4 ft., white.
6. 8 Eupatorium coelestinum. 2 ft., blue.

### No. Plants

7. 10 Gaillardia grandiflora. 2 ft., scarlet-yellow.
8. 8 Achillea, The Pearl. 2 ft., white.
9. 8 Iberis sempervirens. 10 in., white.
10. 8 Centaurea montana. 1 ft., blue.
11. 8 Plumbago larpentæ. 10 in., blue.
12. 8 Phlox ovata. 1 ft., deep pink.

100 Plants.....\$15.00

**This SPECIAL Selection of Perennial Plants for \$15.00**

PLEASE READ OUR BUSINESS TERMS AND SUGGESTIONS ON SECOND COVER OF THIS CATALOGUE



# Hardy Herbaceous Perennials

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100

Varieties marked with an asterisk (\*) are potted plants

\***ACANTHUS mollis.** Bear's Breech. Shapely foliage and showy purple flowers. 3 ft. July, Aug. 35 cts. each, \$3 for 10.

**ACHILLEA filipendulina.** Fern-leaved Yarrow; Milfoil. A showy variety with dense heads of yellow flowers. 3 ft. June, July. 25 cts. each, \$2 for 10, \$15 per 100.

—**Millefolium roseum.** Finely cut, rich green leaves; pink flowers in compact heads. 2 ft. June–Sept. 25 cts. each, \$2 per 10, \$15 per 100.

—**Parker's Variety.** Tall-growing plant, with rainbow formed, clear yellow flower-heads. 2½ to 3 ft. June–Sept. 50 cts. each, \$4.50 per 10.

—**Ptarmica, Boule de Neige.** Ball of Snow. An improvement on The Pearl, with fuller and more perfect flowers. 1½ ft. June–Sept.

—**Ptarmica, Perry's White.** Fine; grows 2½ feet high covered with a mass of white flowers in June and July.

—**Ptarmica, The Pearl.** The double pure white flowers are borne in great profusion on strong, erect stems. 2 ft. June–Sept.

\***tomentosa.** Woolly Yarrow. Bright yellow flowers; excellent for rockeries. 1 ft. June.

**ACONITUM californicum.** Monkshood. Deep blue flowers. 4 to 5 ft. Autumn.

—**Fischeri.** One of the choicest Aconitums, which produces strong spikes of large, dark blue flowers. 2 to 3 ft. Sept., Oct.

—**Napellus.** True Monkshood. Early, bright blue flowers. 3 to 4 ft. June–July.

—**Napellus bicolor.** This variety produces fine branching spikes, with delicate blue partly white flowers. 3 ft. July.

—**Præcox.** Deep blue flowers; rare and choice; very early flowering. 3 ft. July. 50 cts. each, \$4.50 for 10.

—**Sparks' Variety.** A tall variety, with branching spikes of blue flowers. 5 to 6 ft. July, Aug.

—**Stoerkianum.** Violet; leaves very much cut. July–Sept.

—**Wilsonii.** A tall variety from China, with violet-blue flowers. 5 to 6 ft. Sept. 50 cts. each, \$4.50 for 10.

All Aconitums, 35 cts. each, \$3 for 10, \$25 per 100, except where noted

**ACTÆA spicata.** Baneberry. White. A very hardy plant, producing clusters of white berries late in the fall. 1½ ft. May, June.

—**rubra.** Flowers white; berries bright red. A very showy variety. Actæas love shady places. 1½ ft. May, June.

**ADONIS amurensis fl.-pl.** Double; yellow. Flowers about fourteen days later than *A. amurensis*. 1 ft. 75 cts. each, \$6.50 for 10.

—**vernalis.** Early Spring Adonis. Single light yellow. April, May. 50 cts. each, \$4.50 for 10.

\***ÆGOPODIUM Podagraria variegatum.** Bishop's Weed. A rapid grower; fine for borders or beds and covering barren places. 1 ft. 25 cts. each, \$2 for 10, \$15 per 100.

\***ÆTHIONEMA coridifolium.** Resembles the iberis in growth, with clusters of rosy lilac flowers. 1 ft. June.

\***grandiflorum.** Hard-wooded and shrubby; dense spikes of rose-colored flowers. 1 ft. May, June.

\***persicum.** Stout, erect, shrubby, dwarf-growing; deep rose flowers. 1 ft. May, June.

\***stylosa.** Choice rosy pink flowers. 1 ft. May–June.

**AGROSTEMMA coronaria.** Mullein Pink. Flowers rich crimson, produced in great abundance on long stems. 2 ft. June, July. 25 cts. each, \$2 for 10, \$15 per 100.

—**coronaria alba.** A white form of the above.

\***AJUGA genevensis.** Deep blue flowers. 6 in. May, June.

\***reptans.** Bugle. Blue flowers; compact growth. 6 in. May, June.

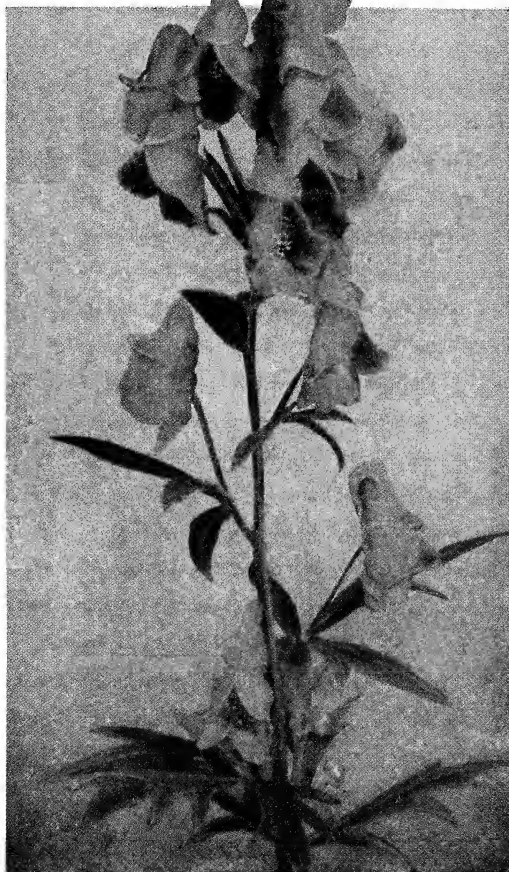
\***atropurpurea.** Blue flowers; bronze foliage; compact growth. 6 in. May, June.

**ALTHÆA rosea.** Hollyhock. A well-known and stately perennial, with long spikes of showy flowers. 5 to 6 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

—**Alleghany Mammoth.** Single; assorted colors; fringed petals. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

—**Double.** Carmine-Rose, Crimson, Light Yellow, Rose-Salmon, Sulphur-Yellow, and White. 25 cts. each, \$2 for 10, \$15 per 100.

—**Single.** Assorted colors only. 25c. each, \$2 for 10, \$15 per 100.



Aconitum



ANEMONE JAPONICA

Hupehensis  
Lady Ardilaun  
Mount Rose

Whirlwind  
Loreley

\***ALYSSUM rostratum**. Beaked Madwort. A good rock-plant, with heads of yellow flowers. 1 ft. June-Aug. 25 cts. each, \$2 for 10, \$15 per 100.

\***saxatile compactum**. Rock Madwort; Golden Tuft. Large, compact masses of yellow flowers in early spring; excellent for rockery. Very attractive and showy. 1 ft. April, May. 25 cts. each, \$2 for 10, \$15 per 100.

\***saxatile compactum fl.-pl.** Bright golden masses of double yellow flowers; a most effective plant for rockwork. A very easily grown plant that blooms profusely. 1 ft. April, May. 50 cts. each, \$4.50 for 10.

**AMSONIA Tabernaemontana**. A strong, shrub-like plant, with spikes of delicate blue flowers. 2 ft. May, June.

**ANCHUSA italica, Dropmore**. Alkanet. A great improvement on the type, with large, gentian-blue flowers. 4 to 5 ft. If not allowed to go to seed, will bloom continuously from June-Sept. 35 cts. each, \$3 for 10, \$20 per 100.

—**italica, Opal**. New. Pale blue flowers. 4 to 5 ft. May-July. 35 cts. each, \$3 for 10, \$20 per 100.

—**italica, Pride of Dover**. The finest heavenly blue color. 3 to 5 ft. June-Sept. 50 cts. each, \$4.50 for 10.

—**myosotidiflora**. New. Produces graceful panicles of bright blue flowers. April, May. 50 cts. each, \$4.50 for 10.

\***ANDROSACE lanuginosa**. Rock Jasmine. Gray silky foliage; flowers rose, with yellow eyes. 6 in. April, May. 35 cts. each, \$3 for 10.

\***ANEMONE**. Windflower. Japanese Anemones are among the best autumn flowering plants, requiring a light protection of leaves in the winter. Besides being exceedingly useful for the hardy border and for front planting of shrubbery, in a semi-shaded position, they are also adapted for naturalizing in the open woods and fine for cutting and decorating purposes. 2 to 3 ft. Sept., Oct.

All Anemones, except where noted, 30 cts. each, \$2.20 for 10, \$18 per 100

\***canadensis**. A pretty native. 1 ft. June-Aug.

\***hupehensis**. A new species from central China resembling a miniature *Anemone japonica* in growth, with pale mauve-colored flowers which appear in early August and continue to late fall. 1 ft. 35 cts. each, \$3 for 10, \$18 per 100. See illustration.

\***japonica alba**. Pure white, showing yellow anthers.

\***japonica, Coupe d'Argent**. White.

\***japonica, Lady Ardilaun**. White. See illustration.

\***japonica, Loreley**. Cup-shaped silvery pink flowers. 35 cts. each, \$3 for 10. See illustration.

\***japonica, Louise Uhink**. New. Strong-growing novelty with healthy foliage and large, full, pure white flowers. 2 to 3 ft. Sept. to late fall. 50c. ea.

\***japonica, Mount Rose**. One of the finest free-flowering, double pink Anemones; deeper than Loreley. 35 cts. each, \$3 for 10. See illustration.

\***japonica, Prince Henry**. A dwarf dark red variety. An improvement on Rubra.

\***japonica, Queen Charlotte**. A strong grower, producing large, semi-double, pink flowers.

\***japonica, Whirlwind**. Semi-double; white. See illustration.

\***Pulsatilla**. Pasque Flower. Well adapted for rockwork or border, flowers varying from lilac to purple. 1 ft. April, May.

\***Pulsatilla rubra**. A beautiful dark red variety of the above. 35 cts. each, \$3 for 10.

\***sylvestris**. Snowdrop Windflower. Large, sweet-scented, white flowers, tinged lavender. 1 to 1½ ft. April, May. 35 cts. each, \$3 for 10.

—**vitifolia tomentosa**. A striking new variety with tall flower-stalks; pinkish blue inside, satiny rose reverse side.

Entire COLLECTION of 15 Anemones for \$4.50

**ANTHEMIS montana**. Marguerite. One of the most satisfactory perennials; flowers creamy white. 2 ft. June-Oct. 25c. each, \$2 for 10, \$15 per 100.

—**tinctoria Kelwayi**. Golden Marguerite. Flowers rich yellow; fine for cutting. A very popular sort and largely planted. 2 ft. June-Oct. 25 cts. each, \$2 for 10, \$15 per 100.

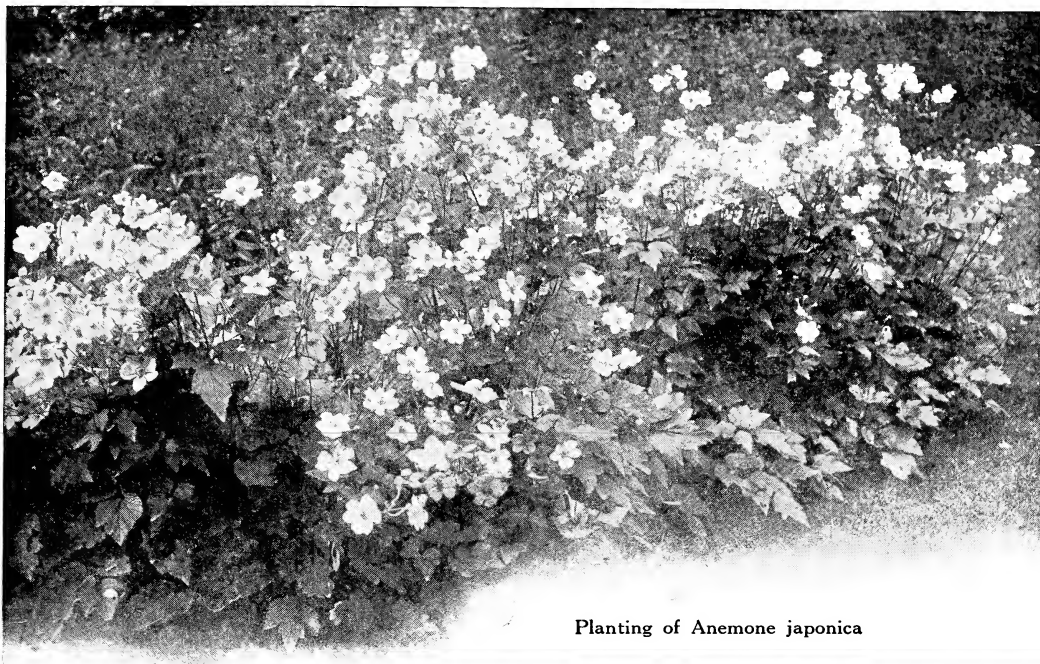
**ANTHERICUM (Paradisea) Liliastrum major**. St. Bruno's Lily. Flowers white, with narrow, grass-like foliage. 1½ ft. May, June. 50 cts. each, \$4.50 for 10.



Anthemis tinctoria Kelwayi

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100



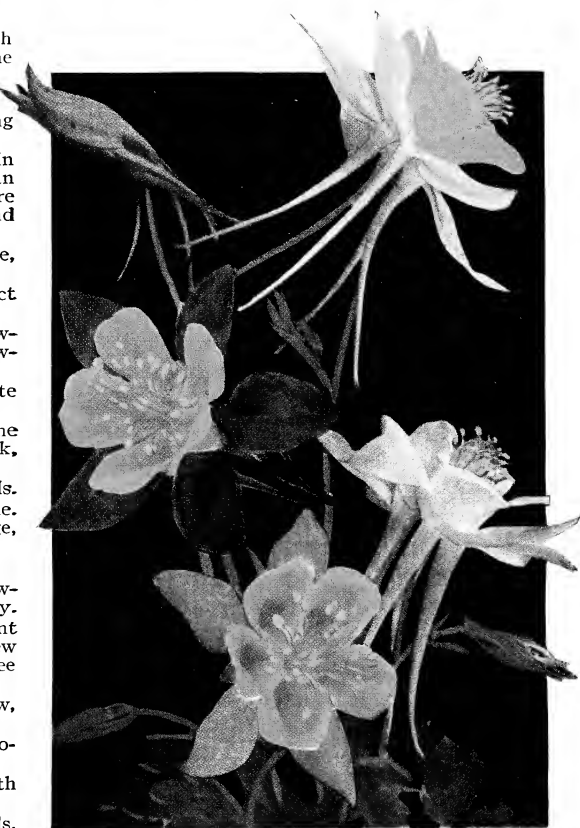

Planting of *Anemone japonica*

**AQUILEGIA.** Columbine. Showy perennials, with delicate colored flowers; excellent plants for the rockery. 2 to 3 ft. May, June.

All *Aquilegias* 30 cts. each, \$2.20 for 10, \$18 per 100

- Baicalensis*. Large violet-blue flowers with long spurs.
- Barr's Large Hybrids*. Hardy. Excellent strain of large and long-spurred flowers, containing an exquisite variety of colors ranging from pure white and blush to scarlet, and from pale and dark blues to primrose and rich yellows.
- cærulea*. Rocky Mountain Columbine. Large, blue-and-white, long-spurred flowers. 1½ ft.
- canadensis*. American Columbine. A compact plant, with red-and-yellow flowers.
- chrysantha*. Golden Spurred Columbine. Flowers fragrant, numerous; yellow. Very showy flowers. A fine variety. 2 to 3 in. across.
- flabellata nana-alba*. Dwarf, with pure white flowers.
- formosa hybrida* (California Hybrids). A fine collection of distinct colors, such as Yellow, Pink, Orange, Red, etc.
- truncata*. Flowers yellow-tinged, with short petals.
- glandulosa superba*. Blue Siberian Columbine. One of the handsomest *Aquilegias*, with large, pale blue flowers. 1½ ft. May, June.
- Haylodgensis Hybrids*. Splendid colors.
- Helena*. Strong growers. Large, pure blue flowers with pure white inner petals. 1 ft. May-July.
- Long-spurred Hybrids*. We have a magnificent strain of these choice Columbines in many new and beautiful shades, assorted colors only. See illustration.
- Skinneri*. Mexican Columbine. Greenish yellow, with long red spurs.
- vulgaris flore-pleno alba*. Double-flowering European Columbine. Double, white flowers.
- vulgaris nivea grandiflora*. Compact habit, with an abundance of large white flowers.
- Double, Assorted*. All colors mixed. Fine hybrids.

This entire COLLECTION of 16 *Aquilegias* for \$4


Long-spurred Hybrid *Aquilegia*



\***ARABIS alpina**. Rock Cress. Adapted for rock-gardens and borders; pure white flowers. 5 in. April, May. 25 cts. each, \$2 for 10, \$15 per 100.

\*—**alpina flore-pleno**. A double form of the preceding. 50 cts. each, \$4.50 for 10.

**ARALIA cachemirica (cashmeriana)**. An attractive foliage plant with large panicles of small white flowers in early summer. 5 to 8 ft.

\***ARCTOSTAPHYLOS Uva-ursi**. Great Bearberry. An attractive little trailing evergreen plant, with pretty deep green leaves. The flowers are small, white, tinged with red, followed by a rather large, red berry. Fine for sandy places and in the shade. Pot-grown plants, 50 cts. each, \$4.50 for 10, \$35 per 100.

\***ARENARIA montana**. Sandwort. A good rock-plant, with white flowers. 4 in. April, May.

**ARISÆMA triphyllum**. Indian Turnip. Interesting native plant, having showy red berries in early fall. 1½ ft. May.

**ARMERIA Dianthoides**. Thrift. A dwarf plant, with evergreen leaves and heads of light pink flowers. 10 in. May, June. 25 cts. each, \$2 for 10, \$15 per 100.

—**Lauchena**. Produces a mass of rosy crimson flowers all summer. Fine for edging and planting in masses. 25 cts. each, \$2 for 10, \$15 per 100.

—**maritima**. Sea Thrift. Flowers pink, in dense heads which spring from tufts of narrow, evergreen foliage. 6 in. May, June. 25 cts. each, \$2 for 10, \$15 per 100.

\***ARTEMISIA Abrotanum**. Southernwood; Old Man. Green, glabrous foliage; yellowish white flowers. 2 to 3 ft. 25 cts. each, \$2 for 10, \$15 per 100.

—**lactiflora**. An excellent hardy border plant, producing large, branching panicles of sweetly scented, creamy white flowers. 3 to 4 ft. Aug., Sept. 25 cts. each, \$2 for 10, \$15 per 100.

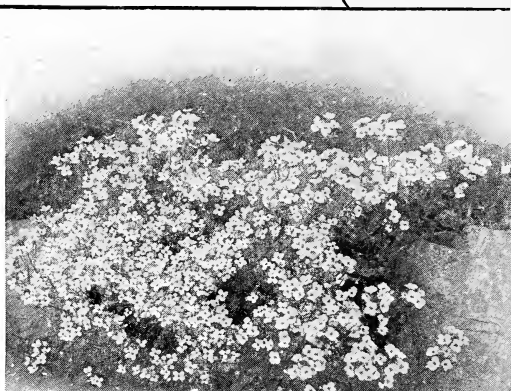
\*—**Stelleriana**. Old Woman. Foliage deeply cut; silvery white; a fine plant for rockeries. 1½ ft. 25 cts. each, \$2 for 10, \$15 per 100.

**ASARUM canadense**. Wild Ginger. Flowers chocolate-brown and greenish purple, borne close to the ground; does well in the shade. 9 in. May.

**ASCLEPIAS incarnata**. Swamp Milkweed. Flowers fragrant, purple, in umbels. 3 to 4 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.



Bed of Hardy Asters



Arabis alpina

**Asclepias tuberosa**. Butterfly Weed. A remarkably showy plant with several erect umbels of bright orange flowers. 2 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

\***ASPERULA odorata**. Sweet Woodruff; Waldmeister. A sweet-scented herb; when dried, used in flavoring wine; flowers white. 6 to 8 in. May, June.

## Aster

Michaelmas Daisy; Starwort

Perennial or hardy Asters are unrivaled for their varying forms and bright colors in the perennial border during the autumn months. The wonderful shades of blue and other colors lend themselves well for cutting and decorative purposes. Asters are very easy to cultivate and should be given a good position in the back of the border. They should be divided every year or two into small clumps if the best results are desired.

\***ASTER alpinus**. Blue Mountain Daisy. Fine for the rockery. 5 to 10 in. May, June.

\*—**alpinus albus**. Flowers pure white.

**ASTER AMELLUS**, King George. New. Extra large-flowering with large trusses of bluish violet flowers. 2 ft. Aug., Sept. 50 cts. each, \$4.50 for 10.

—**Amellus**, Perry's Favorite. Pink. 2 ft. Aug., Sept. 50 cts. each, \$4.50 for 10.

—**Amellus preciosa**. Large and distinctive. Deep violet-blue blooms. Early, free-flowering habit. 2 ft. Aug., Sept. 50 cts. each, \$4.50 for 10.

—**Amellus**, Rudolph Goethe. Very free-flowering with large, lavender-blue flowers about 2½ inches in diameter. One of the finest Amellus varieties, much resembling "King George" but stronger. 2 ft. Aug., Sept. 50 cts. each, \$4.50 for 10.

—**Amellus Wienholtzi**. Fine variety with light rose flowers. 2 ft. Aug., Sept. 50 cts. each, \$4.50 for 10.

—**Chapmani**. Light blue; very graceful. 4 ft. Aug.-Oct.

—**Climax**. New. Plants branching, covered in fall with lovely lavender-blue flowers, 1 to 2 inches in diameter. 4 to 5 ft. Aug.-Oct.

—**cordifolius**, Ideal. Pale lavender flowers borne in great profusion. 3 to 4 ft. Oct. 50 cts. each, \$4.50 for 10.

—**cordifolius versicolor**. Small white. 3 ft. Sept.

—**Delavayi**. A beautiful new flowering variety. Lavender-blue. 3 ft. Aug.-Oct. 50 cts. each, \$4.50 for 10.

—**Delicata**. Double lilac flowers. Aug.-Oct. See illustration, page 9.

—**Elta**. New. Double; lilac.

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100





Cloudy Blue



Ryecroft Pink



Well's  
White



Delicata



Blue Gem

HARDY ASTERS. Described on pages 8 and 10



**Aster ericoides.** Flowers small, white, borne in great clusters. 3 ft. Aug.-Oct.

—**grandiflorus.** Flowers large; deep purple. 3 ft. Sept., Oct.

—**hybridus luteus (solidago).** New variety with bright yellow flowers.

—**ibericus, Ultramarine.** Brilliant, dark blue flowers. Very free-flowering.

—**Lutetia.** Beautiful yellow flowers.

—**Maid of Colwall.** Valuable cutting flower; long, loose spikes with beautiful white flowers. Aug.-Oct.

—**Mesagrande speciosus grandiflorus.** See **Erigeron.**

**ASTER NOVÆ-ANGLIÆ, Lil Fardel.** One of the finest varieties of the New England Aster. Flowers large, rich, clear pink. 4 to 5 ft. Aug., Sept.

—, **Mrs. S. T. Wright.** Large, rosy purple flowers. 4 ft. Aug., Sept.

—, **roseus.** A delicate rose variety. 4 to 5 ft. Aug., Sept.

—, **Ryecroft Pink.** Bright, rosy pink. Free branching habit; 4 to 5 ft. Aug., Sept. Illustrated on page 9.

—, **Ryecroft Purple.** Large, rich blue-purple flowers. 4 to 5 ft. Aug., Sept.

**ASTER NOVI-BELGII, Anita Ballard.** Fine delicate blue. 4½ ft. Aug.-Oct.

—, **Beauty of Colwall.** Clear, lavender-blue, semi-double flowers. 4 ft. Aug.-Oct.

—, **Blue Gem.** Semi-double, dark blue flowers. 4 ft. Aug.-Oct. Illustrated on page 9.

—, **Bouquet Rose.** Rosy pink flowers. 4 ft. Aug.-Oct.

—, **Cloudy Blue.** Fine pale blue, semi-double flowers. 4 ft. Aug.-Oct. Illustrated on page 9.

—, **Feltham Blue.** Dark blue. 3 ft. Aug.-Oct.

—, **F. W. Burbridge.** Large pinkish lavender. 4 ft. Sept., Oct.

—, **Gertrude.** Foliage small and fine; habit graceful; clear purple. 4 ft. Aug., Sept.

—, **Glory of Colwall.** Double; delicate lilac-blue. 4 ft. Aug., Sept.

—, **Heather Glow.** Large flowers with a fringe of fine rose-colored rays and a large golden eye. 4 ft. Aug., Sept.

**Aster Novi-Belgii, King of the Belgians.** Large, lavender-blue flowers. Semi-double. 5 ft. Aug., Sept.

—, **La Taussaint.** Lilac; dwarf. Aug., Sept.

—, **Lady Loyd.** Very fine. Rose-pink with purple sheen. 4 ft. Aug., Sept.

—, **Maggie Perry.** Enormous mauve flowers. 3 ft. Aug., Sept.

—, **Perry's White.** Fine, single white, shaded lilac. 4 ft. Aug.-Oct.

—, **Rachel Ballard.** Grows pyramidal covered with delightful rose flowers. 4 ft. Aug., Sept.

—, **Robert Parker.** Blue. 4 to 5 ft. Aug.-Oct.

—, **Robinson, V. C.** Double; mauve. Aug.-Oct.

—, **Shortii.** Long, graceful sprays of azure-blue flowers. 3 to 4 ft. Aug., Sept.

—, **Snowball.** Excellent new double white Aster which slowly turns a choice bluish color. 4 ft. Aug., Sept.

—, **St. Egwin.** A novelty of recent introduction. Densely branched, with pink flowers; fine for cutting. 3 ft. Sept., Oct.

—, **T. S. Ware.** Light blue. 3½ ft. Sept.

—, **Thelma Perry.** One of the finest pinks yet introduced with large flower-trusses. 4 ft. Aug., Sept.

—, **Well's White.** Large white flowers. 4 ft. Aug., Sept. Illustrated on page 9.

—, **White Climax.** New. Like Climax, except in color, which is pure white. 4 to 5 ft. Aug.-Oct.

—, **White Queen.** One of the best whites. 4 ft. Sept.

—, **Wonder of Colwall.** Very large flowers of a beautiful pale blue in handsome pyramidal spikes. 4 ft. Aug., Sept.

—, **Sam Banham.** Novelty. Resembling the well-known Climax in every respect except color, which is pure white. 4 to 5 ft. Aug., Sept. 50 cts. each, \$4.50 for 10.

\*—**subcæruleus.** Flowers bright mauve. 1 ft. June, July.

—, **magnificus.** New variety of beautiful color. 1½ ft. June, July.

—, **tataricus.** One of the tallest and latest-flowering Asters; bluish violet. 5 to 6 ft. Oct.

**COLLECTION of 12 Hardy Asters, our selection, \$2**



Hardy Herbaceous Garden with Iris Germanica in the foreground

**ASTILBE Arendsii Hybrids. (Spirea.)** We have a fine collection of these hardy hybrid Astilbes that will thrive in any good rich soil if given plenty of water during the growing season. Flowers in showy panicles, freely produced. June, July.

*Except where noted, 50 cts. each, \$4.50 for 10*

- , **America.** Lilac.
- , **Amethyst.** Erect, well-branched spikes of deep violet-purple flowers.
- , **astilboides.** Dense spikes of white flowers. 2 to 3 ft.
- , **Avalanche.** Pure snow-white flowers on long spikes. Excellent for forcing.
- , **Gladstone.** Fine white flowers in large, pyramidal heads. 2 ft. June, July.
- , **Gloria.** A recent introduction that is conspicuously beautiful with its dense, feathery plumes of brilliant dark pink, shaded lilac. 75 cts. each, \$6.50 for 10. See illustration.
- , **Granat.** Unusual, dark crimson flowers in strong divided spikes. One of the finest Astilbes. 75 cts. each, \$6.50 for 10.
- , **grandis rosea magnifica.** New. Large, pure pink flowers. 4 ft. Late July.
- , **Mont Blanc.** Pure white.
- , **Peach Blossom.** Light pink flowers. Erect. 1 to 3 ft.
- , **Pink Pearl.** The small, delicate pink, pearl-like flowers are bunched together in dense panicles. 3 ft.
- , **Queen Alexandra.** Deeper pink flowers than Peach Blossom.
- , **Rhineland.** Bright crimson flower spikes shaded with salmon.
- , **Rubens.** Distinct red flowers.
- , **Rubin.** Deep crimson-pink flowers.
- , **Salland.** Stems of a fine red color. A decorative novelty. 5 to 6 feet. Red flowers. 75 cts. each.
- , **Vesta.** Lilac-rose. 2½ to 3½ ft.
- , **Davidi grandis.** A fine species with white flowers. 2 to 2½ ft. June, July. 75 cts. each.
- , **Mørheimii.** This is similar to *A. Davidi*, with white flowers. 5 to 6 ft. June, July. 75 cts. each.

**\*AUBRIETIA deltoidea.** False Wall Cress. Fine for rockeries; dark violet. 6 in. All Aubrietias flower in April and May.

- \*—, **deltoidea græca.** Dwarf; large-flowering; dark violet; 6 in.
- \*—, **deltoidea Hendersoni.** Flowers large, bluish violet. Large plants.
- \*—, **deltoidea, Lavender.** Bright lavender-blue.
- \*—, **deltoidea purpurea** (Purple Lady). Purple flowers.
- \*—, **deltoidea, Violet Queen.** Violet-purple.

*All Aubrietias 35 cts. each, \$3 for 10, \$25 per 100*

**BAPTISIA australis.** False Indigo. A strong-growing plant, desirable for wild garden or border. Has racemes of lupine-like flowers, dark blue in color. 3 to 4 ft. May-July.

**BELLIS perennis.** English Daisy. An old-fashioned plant, but always interesting; white-and-pink flowers. 5 in. May, June. 15 cts. each, \$1.25 for 10, \$10 per 100.

**BOCCONIA cordata.** Plume Poppy. An interesting and beautiful plant, well adapted to planting in the shrubby, borders or massing for effect. Creamy white flowers. 6 to 8 ft. July, Aug.

**BOLTONIA asteroides.** Pure white, aster-like flowers, in great profusion. 4 to 5 ft. Aug., Sept.

- , **latisquama.** Similar to the preceding, with pinkish lavender flowers. 4 to 5 ft. Aug., Sept.
- , **latisquama nana.** A dwarf form. 2 ft. Aug., Sept.



Astilbe, Gloria

## CACTUS, HARDY—

- , **humilis (Rafinesquii).** Large, sulphur-yellow flowers, freely produced. 35 cts. each, \$3 for 10.
- , **phæacantha major.** Rapid grower, forming large clumps; yellow flowers. 35 cts. each, \$3 for 10.

**\*CALAMINTHA alpina.** Purple. A fine plant for rockeries. 6 in. June.

**CALIMERIS incisa.** Has light blue, aster-like flowers. 2 ft. July, Aug.

**\*CALLIRHOE involucrata.** Poppy Mallow. An elegant trailing plant, with finely divided foliage; large, saucer-shaped flowers of deep rosy crimson, with white center. 1 ft. June-Sept.

**\*CALLUNA.** See Erica.

**\*CALYSTEgia pubescens flore-pleno.** A creeping vine, with double flesh-colored flowers. May-Aug.

**CAMPANULA.** Bellflower. These combine a large range of habit and color, and are perfectly hardy.

—, **alliarifolia.** White; bell-shaped. 2 ft. July. 50 cts. each, \$4.50 for 10.

\*—, **carpatica.** Harebell. Flowers large, erect, light blue. 5 to 7 in. July, Aug.

\*—, **carpatica alba.** A white form of the above.

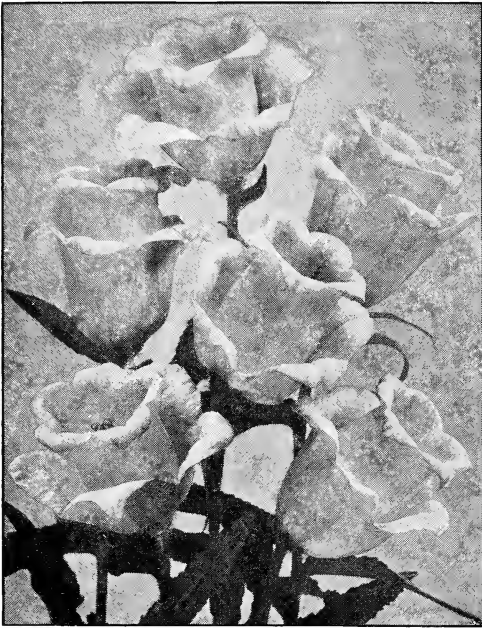
\*—, **carpatica, Isabel.** Very free-flowering with large, almost flat bells of a deep rich blue. 1 ft. July, Aug.

\*—, **carpatica lilacina.** Choice lilac-blue flowers.

—, **carpatica Raineri.** Dwarf, creeping species with large, solitary, dark purplish blue flowers. 2 to 3 in. July.

\*—, **carpatica turbinata.** Top Bellflower. Flowers purplish blue, bell- or top-shaped. Large leaves. Plants more dwarf than parent type. July.

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100



Campanula Medium calycanthema

**Campanula elegans.** Lilac flowers of excellent form.

- \*—**glomerata.** Forms a dense tuft of dark green foliage, covered with globular, dark blue flowers. 1½ ft. June, July. 50 cts. each, \$4.50 for 10.
- \*—**dahurica.** Dark violet flowers. 1½ ft. 50 cts. each, \$4.50 for 10.
- lactiflora.** Large heads of milk-white-blue flowers. 3 to 4 ft. June–Aug.
- latifolia macrantha.** Deep purple flowers. 3 ft. June, July.
- macrantha alba.** Large white flowers. 3 ft. June, July.
- Medium.** Canterbury Bells. An old favorite. Blue, Rose or White. 2 ft. June.
- Medium calycanthema.** Cup-and-Saucer Canterbury Bell. In Blue, Lilac, Rose and White.
- persicifolia.** Peach-leaved Bellflower. Large, cup-shaped, blue flowers. 2 ft. June, July.
- persicifolia alba grandiflora.** A white variety of the above.
- persicifolia, Candelabre.** Pure double white flowers. 2 ft. June, July. 50 cts. each, \$4.50 for 10.
- persicifolia flora-plena.** Double flowering variety with violet blue flowers. 50 cts. each, \$4.50 for 10.
- persicifolia Moerheimi.** Large, double, white flowers. 2 ft. June, July. 50 cts. each, \$4.50 for 10.
- persicifolia, Thelham Beauty.** Large single blue flowers. 2½ ft. June, July. 50 cts. each, \$4.50 for 10.
- punctata (nobilis).** Noble Bellflower. Drooping flowers, spotted reddish violet or white. 2 ft. June, July.
- pyramidalis.** Steeple Bellflower. Long spikes, covered with blue flowers. 4 to 5 ft. Aug., Sept.
- pyramidalis alba.** A white form of the above.
- \*—**rotundifolia.** Blue Bells of Scotland. Blue, bell-shaped flowers; fine rock plant. 1 ft. June–Aug.

COLLECTION of 12 Campanulas, our selection, \$2  
Except where noted, all Campanulas 25 cts. each,  
\$2 for 10, \$15 per 100

- \***CARYOPTERIS incana (Mastacanthus).** Blue Spirea. Lavender flowers. 3 to 4 ft. Sept., Oct.
- CASSIA marilandica.** American Senna. Bright yellow, odd-shaped flowers. Very showy and attractive. 5 to 6 ft. July–Sept. 25 cts. each, \$2 for 10, \$15 per 100.
- \***CATANANCHE cærulea bicolor.** Cupid's Dart. White flowers, with slight suffusion of purple in center. Free-blooming. 2 ft. June–Aug.
- CENTAUREA dealbata.** Compact habit; deep pink flowers. 1½ ft. July, Aug.
- macrocephala.** Very showy, with large, thistle-like yellow flowers. 3 ft. July, Aug.
- montana.** Perennial Cornflower. Large flowers, resembling the Cornflowers. 2 ft. June–Sept.
- montana alba.** A fine white form of the above.
- montana rosea.** Rose-colored flowers. 12 to 15 in. June–Sept.
- ruthenica.** Foliage fern-like; flowers sulphur-yellow. July, Aug.

Entire COLLECTION of six Centaureas, \$1.25

**CENTRANTHUS ruber.** Deep red, handsome, wild-garden plants for wall or rockeries. 3 ft. June, July.

—**ruber albus.** Same as above, except white flowers. Excellent to plant for contrast with the above variety.

**CEPHALARIA alpina.** Roundheads. Very tall. Flower-heads pale primrose-yellow. 5 ft. June, July.

\***CERASTIUM tomentosum.** Snow-in-Summer. Bright silvery foliage, with white flowers; suitable for the rockery or planting in dry, sunny places. 6 in. May, June. 25c. each, \$2 for 10, \$15 per 100.

\***CHEIRANTHUS Cheiri.** Wallflower. Double and single, bronze and yellow flowers in summer. Protect in winter. 1½ ft. 30 cts. each, \$2.20 for 10, \$18 per 100.

**CHELONE glabra.** Turtlehead. Terminal spikes of creamy white flowers. 2 to 3 ft. Aug., Sept. 30 cts. each, \$2.20 for 10, \$18 per 100.

—**Lyonii.** Dark, glossy foliage and spikes of red or purplish red flowers. 2 to 3 ft. Aug., Sept. 30 cts. each, \$2.20 for 10, \$18 per 100.



Campanula persicifolia



1 Gem

SINGLE-FLOWERING CHRYSANTHEMUMS. See page 14

2 Good Red

3 Fernridge

4 Mrs. W. E. Buckingham

## \*Hardy Chrysanthemums

When planted in sheltered locations, particularly at the base of walls, buildings, or shrubbery, the Hardy Chrysanthemums are wonderfully satisfactory, producing an effective display long after the ordinary garden flowers are destroyed by frost. Even after light falls of snow, it is sometimes possible to cut uninjured clusters.

Chrysanthemums are divided into four groups: Large-flowering, Pompon, Button, and Single-flowering sorts. The varieties described below have been selected from an immense list, and are undoubtedly the best, comprising a wide range of forms and colors. We advise planting them from April 15 to May 15, and we also advise protecting them in the winter with a litter of leaves and straw.

The dates given back of the varieties indicate the flowering period in our nursery, fall, 1923. These, of course, may vary some at different seasons, but will be a guide.

*All Hardy Chrysanthemums, 20 cts. each, \$1.80 for 10, \$12 per 100*

### Large-flowering Chrysanthemums

**Boston.** Orange-bronze; open center; high; bushy. Oct. 25.

**Bronze Source d'Or.** Light bronze and orange; high; bushy. Nov. 5. Illustrated on page 2.

**Brune Poitevine.** Dark velvety red; medium bushy. Nov. 5.

**Carrie.** Yellow; medium high. Oct. 10.

**Chaldon.** Yellow, veined red; high; bushy. Oct. 10. Illustrated on page 2.

**Champ d'Or.** Yellow; dwarf. Oct. 10. Illustrated on page 2.

**Champagne.** Reddish bronze; high; bushy. Oct. 25. Illustrated on page 2.

**Cranfordia.** Very large; golden yellow; high; bushy. Oct. 20. Illustrated on page 2.

**Cranford's White.** White with cream center; medium height. Oct. 20. Illustrated on page 2.

**Dorothy.** Very large; white with yellow shading; medium high; bushy. Oct. 20. Illustrated on page 2.

**Early White.** Creamy white, with yellow center; medium bushy. Sept. 25.

**Eden.** Pink; high; bushy. Oct. 10. Illustrated on page 2.

**Eden Nonin.** Rose-pink; curled petals; golden center. Oct. 10.

**Goacher's Crimson.** Red, reverse of petals yellowish bronze; medium bushy. Oct. 30. Illustrated on page 2.

**L'Argentuilais.** Red, yellow tipped. Oct. 15. Illustrated on page 2.

**Mr. Rux.** Dark rose, with darker center; very high, bushy. Oct. 30. Illustrated on page 2.

**Mrs. Henry F. Vincent.** Orange, tinted bronze; high. Oct. 15.

**Normandie.** Cream-white, yellow center; medium bushy. Sept. 25.

**Pauline Wilcox.** Bronze; medium bushy. Oct. 30.

**Perle Chatillonnaise.** Pure white; medium bushy. Oct. 10.

**Queen of the Whites.** Pure white; very full; high, bushy. Nov. 5.

**Tints of Gold.** Yellow, with bronze tints in center. Oct. 20. Illustrated on page 2.

**Winnетка.** Cream-white, yellowish center; medium high. Oct. 10.

**Wolverine.** Yellow; medium bushy. Sept. 25.

**COLLECTION of 24 Large-flowering Chrysanthemums, \$3.50**

### Pompon Varieties

**Acto.** Rose-pink; high. Oct. 15. Illustrated on page 15.

**Anna L. Moran.** Bronze with yellow; medium bushy. Oct. 15. Illustrated on page 15.

**Captain Cook.** Dark rose with brownish center; very high; bushy. Oct. 30. Illustrated on page 15.

**Donald.** Large; lavender-pink; medium bushy. Oct. 30.

**Fairy Queen.** Large; light pink, with full center; high. Oct. 25. Illustrated on page 15.

**Frances Huckvale.** Flesh with yellowish bronze center; high; bushy. Oct. 25.

**Golden Climax.** Bronze-gold; medium high. Oct. 25. Illustrated on page 15.

**Harvest Moon.** Pure golden; low; bushy. Oct. 15. Illustrated on page 15.

**Julia.** Dark brown-bronze. Nov. 1. Illustrated on p. 15.

**Lillian Doty.** Pink, shading to flesh; high. Oct. 25. Illustrated on page 15.

**Mrs. Chester Robinson.** Pink shading to old rose; very high; bushy. Nov. 5.

**Mrs. I. Emery.** Golden bronze-yellow. Nov. 5.

**Mrs. H. Harrison.** Large; light lavender, whitish center; fine variety; high. Oct. 15. Illustrated on p. 15.

**Nellie.** Golden yellow; very full; high; bushy. Oct. 25. Illustrated on page 15.

**Petit Louis.** Light pink, bronze center, high. Oct. 25. Illustrated on page 15.

**Rosea.** Large pink flower; fine clusters; high. Oct. 15.

**Victor.** Flesh-white, yellow center; medium. Nov. 5.

**White Doty.** Pure white, cream center; high. Oct. 20. Illustrated on page 15.

**This COLLECTION of 18 Pompon Chrysanthemums, \$3**





## Button Chrysanthemums

- Brown Bessie.** Reddish bronze; medium bushy. Oct. 25. See illustration.
- Doris.** Dark bronze; medium bushy. Oct. 20. See illustration.
- Helios.** Reddish bronze; medium bushy. Oct. 25.
- Liber.** Red with yellowish shade. Oct. 30.
- Mariabeau.** Large; dark rose; high; bushy. Oct. 30.
- Minta.** Flesh, with brownish center; high. Oct. 5. See illustration.
- Skibo.** Yellow with reddish center; medium bushy. Oct. 20. See illustration.
- Susquehanna.** Fine yellow; medium. Oct. 30.
- Waco.** Pure white, with yellowish center; high. Oct. 20. See illustration.

This COLLECTION of 9 Button Chrysanthemums, \$1.50

## Single-flowering Varieties

- Excelsior.** Bronze-yellow; high; bushy. Oct. 30.
- Fernridge.** Reddish bronze; high. Oct. 15. Illustrated on page 13.
- Gem.** Large; white; very high; bushy. Nov. 5. Illustrated on page 13.
- Good Red.** Beautiful dark red, yellow center; medium bushy. Nov. 5. Illustrated on page 13.
- Mrs. W. E. Buckingham.** Salmon-pink; very beautiful; medium bushy. Nov. 5. Illustrated on page 13.

This COLLECTION of 5 Single-flowering Chrysanthemums, 80 cts.



BUTTON CHRYSANTHEMUMS

- 1 Waco      2 Doris      3 Brown Bessie  
4 Skibo      5 Minta

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100



*Cimicifuga racemosa*

- \***CHRYSANTHEMUM arcticum.** Arctic Daisy. Among fall-flowering perennials this is one of the best. It forms an attractive clump of dark green foliage, and in September multitudes of white flowers, slightly tinged rose or lilac, 2 inches wide, appear. 1 to 1½ ft. Sept.-Nov.
- Maximum, King Edward.** Large; vigorous; white flowers. 2 ft. Flowers all summer. 25 cts. each, \$2 for 10, \$15 per 100.
- Maximum, Shasta Daisy.** Large white flowers; blooms profusely all summer. 25 cts. each, \$2 for 10, \$15 per 100.
- CIMICIFUGA americana.** Bugbane. White flowers. Slender. 2 to 4 ft. Aug., Sept. 35 cts. each, \$3 for 10.
- dahurica.** Snakeroot. Large spikes of creamy white flowers. 3 to 4 ft. Sept. 35 cts. each, \$3 for 10.
- racemosa.** Tall, hardy and ornamental; suited for the back of borders or for partially shaded places; white racemes of flowers. 4 to 5 ft. June, July. 35 cts. each, \$3 for 10.
- CLAYTONIA virginica.** Spring Beauty. Produces clusters of light pink flowers in April and May.
- \***CLEMATIS coccinea.** Red Leather Flower. A very handsome, hardy climber, with broad, glaucous leaflets, bearing thick, bell-shaped flowers of a bright coral-red; blooms with wonderful profusion from June until frost. 50 cts. each, \$4.50 for 10.
- \*—**crispa.** A slender climber, with fragrant lavender flowers, 1 to 2 in. long; has pretty, thin leaflets, with white center. 50 cts. each, \$4.50 for 10.
- \*—**Davidiana.** Delicately scented, pale blue flowers in clustered heads. 4 ft. Aug., Sept. 35 cts. each, \$3 for 10.



POMPON CHRYSANTHEMUMS. See page 13

1 White Doty  
4 Lillian Doty  
7 Julia  
10 Petit Louis

2 Nellie  
5 Acto  
8 Fairy Queen  
11 Golden Climax

3 Mrs. H. Harrison  
6 Harvest Moon  
9 Captain Cook  
12 Anna L. Moran



*Coreopsis lanceolata*

\**Clematis integrifolia*. Fine, solitary, nodding blue flowers; showy; profuse bloomer all summer. 2 ft. June-Aug. 35 cts. each, \$3 for 10.

\*—*recta (erecta)*. A useful herbaceous variety, being very desirable for cutting. The flowers are white and borne on long stems in large, showy clusters. 3 ft. June, July. 35 cts. each, \$3 for 10.

**CONVALLARIA majalis**. Lily-of-the-Valley. Pure white flowers. 8 to 10 in. May, June. Single crowns, 15 cts. each, \$1.20 for 10, \$8 per 100.

**COREOPSIS floribunda**. This is the only variety of *Coreopsis* which is a true perennial. Clumps of it have been standing for five years without being transplanted; flowers bright yellow. 2 ft. June-Sept. 35 cts. each, \$3 for 10.

—*lanceolata*. Begins to flower early in June and continues in flower until killed back by the frost; until then it is one mass of golden yellow; the flowers are borne on long, graceful stems, making them invaluable for cutting. 2 ft. June-Oct. 25 cts. each, \$2 for 10, \$15 per 100.

—*verticillata*. A small, yellow-flowering variety, with finely divided foliage. 2 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

## COREOPSIS, NEW DOUBLE-FLOWERING.

—*lanceolata grandiflora*, **Perry's Variety**. This new double and semi-double form of *Coreopsis* is just as easy to grow as the well-known variety above, but the extra petalage adds a further charm to the flower. 35 cts. each, \$3 for 10, \$25 per 100.

**CORONILLA varia**. Crown Vetch. A strong creeper, good for covering rough banks; showy heads of pink-and-white pea-shaped flowers. 1 to 2 ft. June-Aug.

**CRAMBE cordifolia**. Effective plant, with dense sprays of small, fragrant, white flowers rising above the large, broad, heart-shaped leaves. 5 to 6 ft. June, July. 50 cts. each, \$4.50 for 10.

\***CRUCIANELLA stylosa**. Crosswort. Pale rose; fine for rockwork. 6 to 9 in. June-Sept.

**CYNANCHUM acuminatum**. See *Vincetoxicum japonicum*.

**CYPRIPEDIUM acaule**. Lady's Slipper; Moccasin Flower. This plant sends up a stem about 1 ft. high on which is born a single, large, showy flower, rosy purple in color. The plant itself should have a well-drained soil with some leaf-mold. 25 cts. each, \$2 for 10.

—*parviflorum*. Small Yellow Lady's Slipper. One of the best of the hardy orchids, growing about 1 ft. high with a leafy stem, at the top of which are one or two very showy yellow flowers. Plant in the shade in soil enriched with leaf-mold. 25 cts. each, \$2 for 10.

—*pubescens*. Large Yellow Lady's Slipper. Similar to the preceding, but with larger flowers. Plant in the shade in a soil enriched with leaf-mold and well drained. 25 cts. each, \$2 for 10.

—*spectabile*. Showy Lady's Slipper. The finest and most showy of all native orchids. It grows about 2 ft. high, with several large roundish leaves along the stalk which bears at the top one or two large rose-purple or nearly white flowers. Does well in a moist, partly shaded bed of leaf-mold. 35 cts. each, \$3 for 10.

**DELPHINIUM**. Larkspur. Beautiful hardy plants, grown in borders for their stately habit and the handsome spikes of flowers, gorgeous in coloring. Excellent for cutting, and a mass planting is a feature of your garden to be proud of at blooming-time—from June till late fall.

For their successful cultivation, a rich, well-dug soil is necessary, and when planted in groups along the back portion of a border, they produce a splendid effect.

We have omitted some varieties in our collection which are rather limited, but we will be pleased to submit list on quantities and prices upon request.

*Pot-grown plants of the following named varieties, \$1 each, \$9 for 10, except where noted*

\*—**Amos Perry**. Flowers are large and semi-double, 2½ in. across, rich rosy mauve in color, overcast sky-blue; a dark eye adds distinctiveness.

\*—**Andrew Carnegie**. Deep mauve, overlaid with silvery blue. Semi-double flowers with white eye.

\*—**Capri**. A clear sky-blue—best of its color.

\*—**C. W. Matthes**. Semi-double; pure blue with light and dark stamens; tall and late.

\*—**King of Delphiniums**. One of the finest Delphiniums, with flowers of enormous size, more than 2 in. across. Semi-double, of a deep purple-blue color, with white eye.

\*—**Lady Ravensworth**. Pure blue with black eye. Very large individual flowers placed regularly in symmetrical tall spikes.

\*—**Lamartine**. Single, dark blue with fine branching habit.

\*—**Lize**. Tall-growing Larkspur with well-branched spikes of large, single, sky-blue flowers, with a yellowish eye.

\*—**Moorheime**. This is one of the finest pure white forms of the *Belladonna* type. Besides giving a wealth of bloom, it is particularly to be desired because it is the only white Delphinium producing its flowers in large spikes. This variety is sometimes referred to as "The Prize of the White Delphiniums." 75 cts. each, \$6.50 for 10.

\*—**Queen Wilhelmina**. Sky-blue; single; tall grower.

\*—**Rev. E. Lasceles**. A great favorite where known because of its striking color-scheme—the double flowers being a rich blue and having snowy white petaloid stamens edged with blue.

\*—**Salland**. Single; deep blue flowers in loose spikes. Very attractive.

\*—**The Alake**. Large, semi-double flowers. The outer petals are intense dark blue, inside violet.

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100





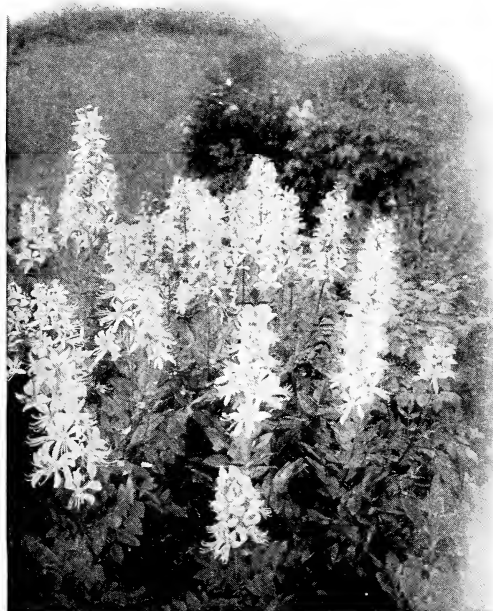
The following *Delphiniums* are 25 cts. each,  
\$2 for 10, \$15 per 100

- \***Delphinium formosum.** Dark blue, white center. This does exceptionally well, being hardy and free-flowering.
- \*—**Belladonna.** A fine, light blue form of the above.
- \*—**Belladonna grandiflorum chinense (chinense).** Low-growing, with gentian-blue flowers.
- \*—**Belladonna grandiflorum chinense alba.** A pure white form of the preceding.
- \*—**Hybrids.** A choice collection, ranging from the palest to the deepest blues; single and double.

**DIANTHUS.** Hardy Pinks. Interesting and useful, blooming in early spring. Many of the varieties we offer are improved forms of these old-time favorites; fine for cut-flowers. Most of them grow 10 to 12 in. high, with exceptions noted. May, June.

All *Dianthus*, except where noted, 25 cts. each,  
\$2 for 10, \$15 per 100

- barbatus.** Sweet William. In separate colors: Red, White and Rose. 2 ft. 20 cts. each, \$1.80 for 10, \$15 per 100.
- barbatus, Newport Pink.** A distinct variety in this favorite flower, being a salmon-rose-pink. 20 cts. each, \$1.80 for 10, \$15 per 100.
- barbatus, Scarlet Beauty.** Rich deep scarlet flowers with bright green foliage. 20 cts. each, \$1.80 for 10, \$15 per 100.
- barbatus, Double, Assorted Colors.** 2 ft. 20 cts. each, \$1.80 for 10, \$15 per 100.
- chinensis.** China or Indian Pink. Elegant fringed flowers in various shades.
- delicata.** Single rose-pink, petals striped red.
- deltoides.** Maiden Pink. A dwarf variety with sprays of pink flowers; fine for rockery. 8 in.
- deltoides alba.** A white form of the above.
- glacialis neglectus (neglectus).** Glacier Pink. Masses of pink flowers. 3 to 4 in. 50 cts. each, \$4.50 for 10.
- , **Grenadin.** Bright scarlet, on stems 1½ feet long.
- , **Grenadin alba.** A white form of the above.



*Dictamnus fraxinella*



*Dicentra spectabilis*

**Dianthus, Her Majesty.** One of the best white Garden Pinks.

- , **Homer.** Rosy red flowers with darker center. A distinctive variety.
- , **Juliet.** A leading variety with white flowers finely laced with brilliant crimson lines.
- latifolius atrococcineus fl.-pl.** Everblooming Hybrid Sweet William. Double crimson flowers.
- , **Lord Lyon.** Double rosy pink, petals striped red.
- , **Napoleon III.** A very choice double-flowering variety, having dark crimson flowers. 1½ ft. July.

Some ten or fifteen years ago, we grew this variety in our nursery under the name of Napoleon III, but it disappeared. Lately, we have found it growing in our neighborhood, and apparently, it had come from our nursery. We admire this variety so much that we have again started propagating it, and are offering it to the public once more. 50 cts. each, \$4.50 for 10.

- plumarius, Mrs. Sinkins.** Large, double, white flowers.
- plumarius semperflorens.** Flowers fragrant, varying from pink to white, with fringed petals.

**DICENTRA formosa.** Flowers small, rose-color, with finely divided foliage. 1 ft. May–Aug. 30 cts. each, \$2.50 for 10, \$20 per 100.

- spectabilis.** Bleeding-Heart. Flowers heart-shaped, in long, drooping racemes of rose-crimson; one of the prettiest of border plants and useful for forcing. 1½ ft. April–June. 50 cts. each, \$4.50 for 10, \$40 per 100.

**DICTAMNUS caucasicus.** A tall variety with flowers double the size of the type. 3 to 4 ft. 50 cts. each, \$4.50 for 10.

- fraxinella alba.** Gas Plant. This is also called Burning Bush as in dry weather the white flowers sometimes emit a vapor which is inflammable. 2 to 3 ft. June, July. 35 cts. each, \$3 for 10.
- fraxinella rubra.** Rosy purple, with deeper colored veins. 3 to 4 ft. June, July. 50 cts. each, \$4.50 for 10.

**DIGITALIS.** Foxglove. These old garden favorites are stately and elegant in summer when they produce bold masses of leaves and flower-spikes.

- ambigua.** Flowers yellow, marked with brown. 2 to 3 ft. June, July.
- lanata.** Long, dense spikes of grayish or creamy yellow flowers. 2 to 3 ft. June, July.
- purpurea gloxiniaeflora.** Gloxinia-flowered Foxglove. Flowers spotted. Rose, Purple, White, each color separate or assorted. 2 to 3 ft. June, July. 25 cts. each, \$2 for 10, \$15 per 100.



*Doronicum caucasicum*

\***DODECATHEON Media.** Shooting Star. Beautiful, reddish purple flowers, with rich orange eyes; delights in a shady situation. 1 ft. May.

\***DORONICUM caucasicum.** Leopard's Bane. Has large, yellow marguerite-like flowers,  $2\frac{1}{2}$  to 3 inches across, in early spring.  $1\frac{1}{2}$  to 2 ft. May, June.

\*—**Clusii.** Soft foliage. Numerous yellow flowers in heads. 1 to 2 ft. April-June.

\*—**columnæ (cordifolium).** Bright yellow flowers. Fine for rock-gardens. Grows 6 inches tall. May, June.

\*—**magnificum.** Very attractive with large, yellow flowers.

\*—**Pardalianches.** Yellow flowers.

\*—**plantagineum excelsum (excelsum).** Brightest yellow; free-flowering; blooms early in the spring.  $1\frac{1}{2}$  to 2 ft.

All *Doronicums*, 35 cts. each, \$3 for 10

\***DRABA fladnizensis (androsacea).** Whitlow Grass. A rock plant which bears white flowers in spring. 35 cts. each, \$3 for 10.

\*—**Olymptica (bruniæfolia).** Dense, dwarf rosettes of yellow flowers. 3 in. 35 cts. each, \$3 for 10.

**DRACOCEPHALUM grandiflorum.** Dragon's Head. Flowers blue; foliage dark green and compact. 1 ft. June, July.

—**Ruyschiana.** Spikes of purple flowers. June, July.

**ECHINACEA purpurea.** Purple Coneflower. Is without doubt one of the most interesting of hardy plants. It has reddish purple flowers, 4 in. in diameter. 3 to 4 ft. July, Aug.

**ECHINOPS humilis.** Globe Thistle. A showy plant, with globular heads of blue flowers. 2 to 3 ft. July, Aug.

—**Ritro.** Metallic blue flowers; thistle-like foliage. 3 to 4 ft. July, Aug. 30 cts. each, \$2.50 for 10, \$20 per 100.

**EPIGÆA repens.** Trailing Arbutus. Flowers rose-color, fragrant, 2 to 4 in. April, May.

**EPILOBIUM angustifolium.** Willow Herb. Crimson flowers; very showy among shrubbery. 3 to 4 ft. June-Aug.

**EPIMEDIUM.** Barrenwort. All *Epimediums* grow 9 inches high. May, June.

—**album.** Pure white. A fine variety.

—**alpinum.** Flowers grayish, dark crimson and yellow.

—**bicolorum.** Rosy brown.

—**diphyllum roseum.** Small, rose-colored flowers. May, June.

—**elegans.** Yellow flowers.

—**erectum.** White.

—**macranthum violaceum (lilacinum).** Beautiful lilac flowers.

—**niveum.** Snow-white flowers. April-July.

—**pinnatum colchicum (colchicum).** Bright golden yellow flowers. The whole plant is densely hairy and makes a fine subject for the alpine garden or for shaded places.

—**sulphureum.** Dwarf. Pale yellow flowers. Suitable for shady situation in rock-garden or border. April-July. 35 cts. each, \$3 for 10.

All *Epimediums*, 50 cts. each, \$4.50 for 10,

\$35 per 100, except where noted

**ERICA.** Heath. The majority of these *Heaths* are compact, low-growing plants, and as such are extremely useful for rockeries. The small foliage is densely arranged around the wiry little stems, and either when in full bloom or in midwinter makes a very pretty picture. Give some protection the first winter so that they become acclimated before receiving a check. Semi-shady location. All our *Ericas* are strong, pot-grown, bushy plants.

All varieties, 50 cts. each, \$4.50 for 10

\*—**carnea (herbacea).** Grows about 6 inches high; leaves arranged in fours; nodding, bell-shaped flowers along the stems.

\*—**Mackayana plena.** Deep rose-colored flowers. Very double, spreading light green foliage. 6 in. July, Aug.

\*—**stricta (Corsican Heath).** A compact erect grower with pink flowers. July-Sept.

\*—**stricta erecta.** Flowers light pink and at ends of branches; upright grower. 12 to 15 in. July, Aug.

\*—**Tetralix.** A compact, silver-gray variety.

\*—**vagans alba (Cornish Heath).** More or less trailing in habit, with axillary white flowers. Leaves arranged in whorls, four or five together.

\*—**vagans rubra.** Purplish red flowers; leaves arranged in fours and fives.

\*—**vulgaris.** Scotch Heather. A dense-growing shrub, with erect branches, covered with short, closely adpressed leaves. The pretty, bell-shaped flowers occur in great profusion toward tops of the shoots and are a pretty rosy color.

\*—**vulgaris alba.** White Heather. The nodding white flowers are the only diversion from the preceding; a very pleasing contrast.

\*—**vulgaris Alportii.** Crimson Heather. Dark crimson; flowers in July and August.

\*—**vulgaris aurea.** Foliage golden in summer and red in winter; pink flowers.

\*—**vulgaris compacta.** Dwarf and compact; pink. 9 in.



*Erica vagans*

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100



Planting of *Epilobium angustifolium*. See page 18

**ERIGERON elatior antwerpia.** Very large flowers of pale lilac color. Excellent for cutting. 2 to 3 ft. June, July.

—**elatior antwerpia gigantea alba.** Very large, pure white flowers. 2 to 3 ft. June, July.

—**Amos Perry.** Rich violet flowers. 1 ft. June–Oct.

—**glabellus.** Flowers violet-purple or white. 18 to 24 in. June, July.

—**Mesagrande speciosus grandiflorus (Aster).** Dark lilac flowers in great abundance during July and Aug. 1½ ft.

—**Quakeress.** A continuous bloomer with mauve-colored flowers. 2 ft. June–Oct.

—**speciosus.** Fleabane. Large purple flowers, much like hardy asters. 2 ft. June, July.

\***ERINUS alpinus.** Rosy purple. 6 in. April, May.

\***ERODIUM Manescavii.** Stork's or Heron's Bill. Attractive flowers like the geranium; purplish red; borne in profusion; fine for massing. 1 to 1½ ft. June, July.

**ERYNGIUM alpinum.** Sea Holly. Flower-heads 3 inches across, of a steel-blue. 2 ft. July, Aug. 50 cts. each, \$4.50 for 10.

—**maritimum.** Glaucous blue foliage, handsomely veined, with coarse prickly teeth. Flower-heads nearly globular, pale blue. 1 ft. 50 cts. each, \$4.50 for 10.

—**Oliverianum.** Strong plants with heads of blue flowers. 3 ft. 50 cts. each, \$4.50 for 10.

—**planum.** Flowers blue, in roundish heads. 2 ft. July, Aug. 35 cts. each, \$3 for 10, \$25 per 100.

—**cœlestinum.** Small, bluish flowers in round, thistle-like head. July–Sept. 35 cts. each, \$3 for 10.

—**Springhill Seedlings.** Flowers are dark steel-blue; blue stems. 3 ft. July, Aug. 35c. each, \$3 for 10.

**EUPATORIUM cœlestinum.** Mist Flower. A good hardy plant, with light blue flowers, similar to *Ageratum*. 2 ft. Aug.–Oct. See illustration.

—**purpureum.** Joe Pye Weed. Purple; fine for wild garden. 6 to 7 ft. July–Sept.

—**urticæfolium (ageratoides).** White Snakeroot. White flowers. 4 to 5 ft. Aug., Sept.

**EUPHORBIA corollata.** Flowering Spurge. Pretty little white flowers. 2 to 3 ft. July, Aug.

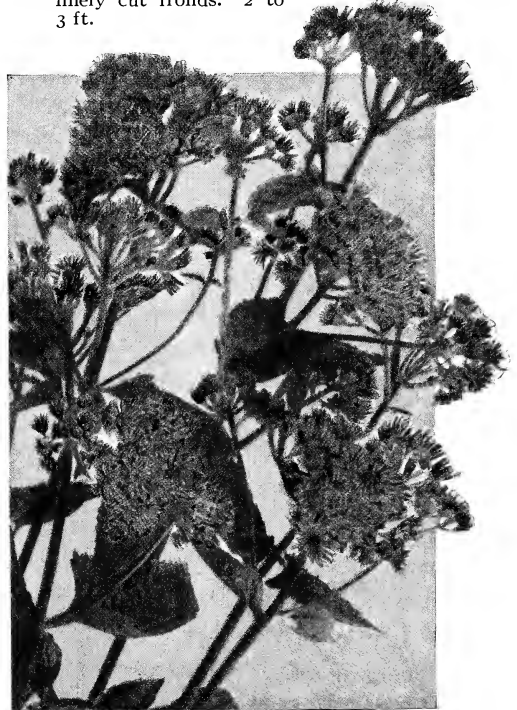
—**polychroma.** Bears masses of chrome-yellow flowers in early spring. 2 ft.

**FERNS, HARDY.** A shady position, useless for the cultivation of other plants, is easily transformed into a hardy fernery. These graceful plants are of easy culture, especially if a liberal amount of leaf-mold or good earth from the woods is available. Varieties marked (†) succeed in sun or half shade.

*All Hardy Ferns, except where noted, are 30 cts. each, \$2.20 for 10, \$18 per 100*

**Adiantum pedatum.** Maidenhair Fern. A graceful species, with delicate fronds. 1 ft.

†**Asplenium Filix-fœmina.** A striking species, with finely cut fronds. 2 to 3 ft.



*Eupatorium cœlestinum*



## FERNS, continued

**Asplenium Filix-fœmina** Craigii. Somewhat similar to type, but the middle of each frond is purple instead of green. 15 to 18 in.

†—**multifidum**. Fronds divided into three graceful crests. 1 ft.

—, **Victoria**. One of the most beautiful, crested at the ends of the fronds. 12 to 15 in.

†**Dennstaedtia punctilobula** (*Dicksonia punctilobula*). Hay-scented Fern. One of our best native Ferns for massing. 15 to 18 in.

**Dryopteris cristata** (*Adiantum cristatum*). Crested Wood Fern. A common evergreen Fern, very widely planted. 1 ft.

†—**Filix-mas** (*Lastrea Filix-mas*). Male Fern. A rare evergreen species. 15 to 18 in.

—**Filix-mas cristata** (*L. Filix-mas cristata*). With narrow, crested fronds. 15 to 18 in.

—**Filix-mas fluctuosa** (*L. Filix-mas fluctuosa*). Another beautiful crested variety. 12 in.

—**Goldieana** (*Aspidium Goldieanum*). Goldie's Wood Fern. A Fern which often grows 4 feet high and makes a very attractive background for the lower growing varieties.

—**marginalis** (*Aspidium marginale*). Evergreen Wood Fern. Thick fronds 3 to 4 inches wide. 1 to 2 ft.

—**noveboracensis** (*Aspidium noveboracense*). New York Shield Fern. A fine variety for massing. 1 to 2 ft.



*Gaillardia aristata (grandiflora)*

**Dryopteris spinulosa** (*Aspidium spinulosum*). Shield Fern. An evergreen Fern, with finely dissected fronds. 15 in.

—**Thelypteris** (*Aspidium Thelypteris*). Marsh Shield Fern. Fine for wet and boggy places. 1 ft.

**Matteuccia Struthiopteris** (*Onoclea Struthiopteris*). One of the tallest of our native Ferns; very graceful. 2 ft.

**Onoclea sensibilis**. Sensitive Fern. Strong grower; likes a wet soil. 1 ft.

**Osmunda cinnamomea**. Cinnamon Fern. Very beautiful and usually larger than *O. Claytoniana*. 2 to 3 ft. 50 cts. each, \$4.50 for 10.

—**Claytoniana**. Clothed with loose wool when unfolding its fronds in the spring; afterward becoming perfectly smooth. 2 to 3 ft. 50 cts. each, \$4.50 for 10.

—**regalis**. Flowering Fern. Pale green fronds; one of the prettiest of the larger Ferns. 2 to 3 ft. 50 cts. each, \$4.50 for 10.

**Polystichum acrostichoides** (*Aspidium acrostichoides*). Christmas Fern. An evergreen species with shining dark green leaves. 1 ft.

**FILIPENDULA**. See *Ulmaria*.

**FUNKIA** (*Hosta*). Very handsome, and will thrive in almost any position. They are invaluable for beds, border, rockwork and marshy ground. Both the foliage and flowers are distinctly beautiful. All 1½ to 2 ft. July, Aug.

—**alba marginata**. Leaves edged with white.

—**Fortunei**. Deep blue-green foliage; pale lilac flowers.

—**cærulea**. Long, nodding, deep blue flowers. Leaves green.

—**subcordata grandiflora**. Large, pure white flowers and bold foliage make this a very attractive variety. 50 cts. each, \$4.50 for 10.

—**undulata media variegata**. Leaves widely edged and striped white. A good plant for forcing.

—**variegata**. One of the finest of the Funkias. It has ovate leaves, the margins deep green and center a beautiful creamy white.

**GAILLARDIA aristata (grandiflora)**. Blanket Flower. Yellow and orange-red. The brilliancy of the Gaillardia is unsurpassed; it is simply invaluable among cut-flowers on account of retaining its beauty for so long a time. It flowers from May to Nov. 1½ ft. 25 cts. each, \$2 for 10, \$15 per 100.

—**maxima**. Mixed varieties. 25 cts. each, \$2 for 10, \$15 per 100.

**GAILLARDIA PORTOLA**. New. This novelty is one of the most valuable perennial plants introduced of late. It is a vigorous grower, reaching 2½ to 3 feet, with beautiful foliage. The flowers are brilliant coppery scarlet, each petal heavily margined with golden yellow. A wonderful improvement over existing sorts. Fine for cutting. 50 cts. each, \$4.50 for 10.

**GALEGA officinalis**. Goat's Rue. Rosy purple flowers. 3 to 4 ft.

—**officinalis alba**. White flowers; fine for cutting. 3 to 4 ft. July.

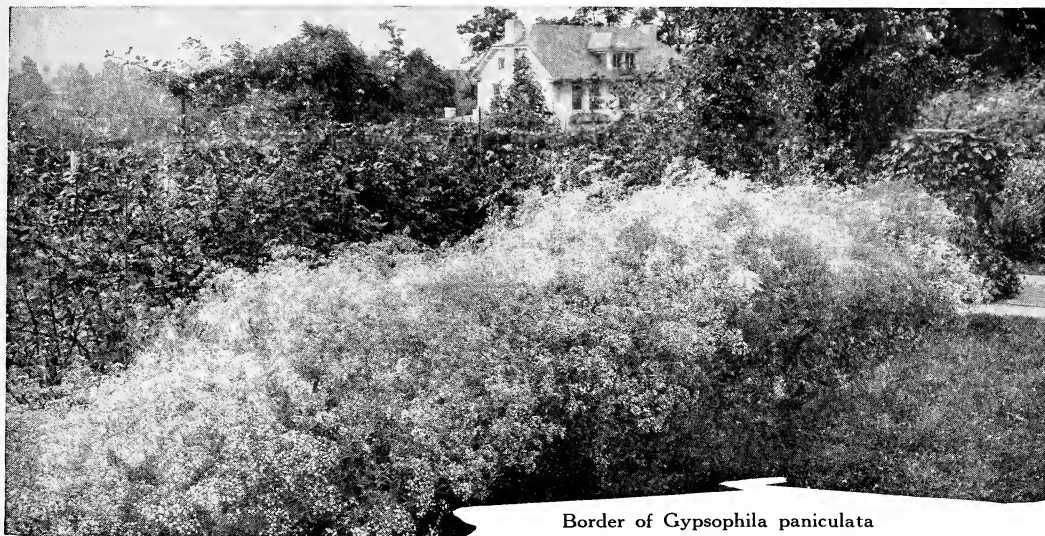
\***GALIUM boreale**. Northern Bedstraw. Small white flowers in clusters; leaves in whorls. 1½ ft. May-July.

\***GAULTHERIA procumbens**. Wintergreen. Low-growing evergreen; bright green leaves and white flowers followed by red berries. 35 cts. each, \$3 for 10.

\***GENTIANA acaulis**. Stemless Gentian. Dark blue flowers. 4 in. March-May. \$1 each, \$9 for 10.

—**Andrewsii**. Closed or Bottle Gentian. A pretty native species of the Gentian; flowers of a fine blue, appearing late in the autumn. 1½ to 2 ft. Aug., Sept.

\*—**thibetica**. Creamy white; creeping. May.



Border of *Gypsophila paniculata*

**GERANIUM armenum.** Crane's Bill. Large, handsome, rich purple-crimson flowers. 1½ ft. May-July.

\*—**platypetalum.** Large, showy panicles of rich, deep violet flowers. 6 to 12 in. July, Aug.

—**sanguineum album.** White. 1½ ft. May-July.

All *Geraniums*, 30 cts. each, \$2.50 for 10

**GERBERA Jamesonii.** Transvaal, or Barberton Daisy. Spikes 12 to 18 inches long, terminated with single, daisy-like flowers, fully 4 inches in diameter, and of a rich brilliant scarlet. If taken from the ground in the autumn and placed in a warm greenhouse, it will continue to bloom all winter. If left outside, it should have a winter protection of leaves and decomposed manure. 2½ ft. 50 cts. each, \$4.50 for 10.

**GEUM atrosanguineum.** Aven. Dark crimson. 1 to 2 ft. May-July.

—**coccineum.** A pretty border plant, producing large, dazzling, intense scarlet flowers. 1 ft. June-Aug.

—**coccineum, Mrs. J. Bradshaw.** A splendid new variety, with striking, double dark red flowers, the greater part of summer and fall. 2 ft. June-Sept.

—**Heldreichii.** Orange; one of the best; very free-flowering; fine foliage. 1½ ft. May-July.

**GILLENIA trifoliata.** Bowman's Root. A strong-growing, bush-like perennial, having slender, dark red stems, with handsome trifoliate foliage, and white, pink-tinged flowers. 3 ft. May-July. 30 cts. each, \$2 for 10, \$18 per 100.

\***GLOBULARIA trichosantha.** Globe Daisy. Attractive rock-garden and border plant; blue daisy-like flowers. 6 in. May, June.

## GRASSES—

**Arrhenatherum elatius tuberosum variegatum (bulbosum folia-variegata).** A dwarf decorative grass; leaves green and white; fine for edging. 6 to 8 in. 25 cts. each, \$2 for 10, \$15 per 100.

**Arundo Donax.** Great Reed. A magnificent variety, growing to a height of 15 ft., and forming dense clumps.

**Elymus glaucus.** Blue Lyme Grass. Has narrow, glaucous silvery foliage. 3 ft. 25 cts. each, \$2 for 10, \$15 per 100.

## Grasses, continued

**Erianthus Ravennæ.** Plume Grass. Grows from 5 to 7 feet high, and produces from thirty to fifty flower-spikes. Closely resembles the Pampas Grass.

**Festuca glauca.** A pretty dwarf grass, with tufts of fine, bluish green foliage. 1 ft. 25 cts. each, \$2 for 10, \$15 per 100.

**Miscanthus sinensis (Eulalia japonica).** Foliage bright green. 5 to 6 ft.

—**sinensis gracillimus (E. gracillima univittata).** The most graceful of all. Foliage narrow, bright green, with a silvery midrib. 5 to 6 ft.

—**sinensis variegata (E. japonica variegata).** A tall, graceful variety from Japan. Its long, narrow leaf-blades are striped green, white, and often pink and yellow. 4 to 6 ft.

—**sinensis zebrinus (E. japonica zebrina).** Very striking, with leaves banded transversely with pale yellow. 5 to 6 ft.

**Pennisetum japonicum.** It is, perhaps, one of the finest hardy ornamental grasses grown for its flowers, and for bordering or edging, growing about 3 feet high, with graceful, recurved foliage. Flowers rich mahogany, tipped white. 35 cts. each, \$3 for 10, \$20 per 100.

**Phalaris arundinacea picta (arundinacea variegata).** Variegated Ribbon Grass; Gardener's Garters. 2 ft. 25 cts. each, \$2 for 10, \$15 per 100.

**Uniola latifolia.** Spike Grass. Graceful, drooping panicles of ornamental, flat heads. 3 to 4 ft. 25 cts. each, \$2 for 10, \$15 per 100.

All Grasses, except where noted, 35 cts. each, \$3 for 10

**BAMBOOS, HARDY.** Our Bamboos are pot-grown and can be shipped at any time.

**Arundinaria japonica (Bambusa Metake).** Japanese Bamboo. Foliage large, dark green, whitish underneath. Grows 6 to 10 ft. \$1 each, \$9 for 10.

**GYPSOPHILA paniculata.** Baby's Breath. Masses of minute, pure white flowers. For cutting it is exquisite, especially in combination with high-colored flowers. 2 to 3 ft. June, July. 25 cts. each, \$2 for 10, \$15 per 100.

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100





**Gypsophila paniculata flore-pleno.** This is one of the most beautiful of all the new hardy plants. The charming, double, rosette-like flowers are borne on branched panicles in great profusion. Our stock, which is propagated from grafts, should not be confused with seedling stock that is generally offered to the public. 2 to 3 ft. July, Aug. 50c. each, \$4.50 for 10.

\*—**repens.** White or pale rose flowers. 6 in. June, July. 35 cts. each, \$4.50 for 10.

\*—**repens monstrosa.** New. Pale rose-colored flowers. 1 ft. July, Aug. 35 cts. each, \$3 for 10.

\***HELENIUM autumnale, Gartensoenne.** Flowers brilliant golden yellow with velvety brown center. 2 to 4 ft. Sept., Oct.

\*—**autumnale superbum.** Sneezeweed. A grand plant, with large, flat, lemon-yellow flowers. 4 to 5 ft. Aug., Sept.

\*—**autumnale rubrum.** A new, bright red and terracotta variety. 5 ft. Aug., Sept.

\*—**autumnale, Riverton Beauty.** Rich lemon-yellow, with large purplish black cone. 5 ft. Aug., Sept.

\*—**autumnale, Riverton Gem.** Yellow, changing to red. A splendid cut-flower on a long stem. 5 ft. Aug., Sept.

—**Hoopesii.** The earliest-flowering of all the Heleniums and the only one with pure orange-colored flowers. 2 to 3 ft. May, June. 25 cts. each, \$2 for 10, \$15 per 100.

All Heleniums, 30 cts. each, \$2.20 for 10, \$18 per 100, except where noted

\***HELIANTHEMUM Chamæcistus mutabile (mutabile).** Rock Rose. Evergreen plant; flowers pale rose, changing to white. 8 to 12 in. May-July.

\***Helianthemum aureum.** Single; yellow.

\*—, **Ball of Fire.** Double; red.

\*—, **Bride.** White.

\*—, **macranthum.** White.

\*—, **Mrs. Earle.** Double; red.

\*—, **Proceux.** White.

\*—, **Rosy Gem.** Rose.

\*—, **Sudberry Gem.** Buff-color.

All Helianthemums, 35 cts. each, \$3 for 10, \$20 per 100

COLLECTION of 6, \$1.75

**HELIANTHUS.** Hardy Sunflower. Is easy of culture in any ordinary garden and is admirable for the flower and shrubby border. The large flowers on long stems are fine for cutting.

All Helianthus, 25 cts. each, \$2 for 10, \$15 per 100

—**decapetalus multiflorus, Soleil d'Or.** Deep golden yellow, quilled petals, similar to a dahlia; excellent for cutting and for the border. 4 to 5 ft. Aug., Sept.

—**Maximilianii.** One of the latest-blooming of all hardy flowers; clear yellow. 6 to 8 ft. Oct., Nov.

—**mollis.** Thick, velvety foliage, of a distinct silvery tinge; flowers lemon-yellow. 5 ft. Aug., Sept.

—**orgyalis.** Graceful stalks clothed with very long, willow, drooping foliage; flowers deep lemon-yellow, with darker centers. 8 to 10 ft. Aug.

—**tuberosa.** Jerusalem Artichoke. Numerous yellow flowers. This plant is sometimes cultivated for its edible tubers. 5 to 6 ft. Aug., Sept.

—**Wolley Dod.** Very distinct; deep yellow. 6 to 8 ft. Aug., Sept.

Entire COLLECTION, \$1.25

**HELLEBORUS niger.** Christmas Rose. Very large white, solitary flowers, sometimes flushed with purple. Excellent in rocky places. Leaves evergreen. Short plants. Easily forced. 1 ft. Natural blooming period. Feb., March. \$1 each, \$9 for 10.

**HELIOPSIS helianthoides Pitcheriana.** The flowers are deep golden yellow, about 2 inches in diameter, of very thick texture and very graceful for cutting. 3 to 4 ft. July-Sept.

—**helianthoides semiplena.** Handsome, semi-double orange flowers. 3 to 4 ft. July-Sept.

**HEMEROCALLIS aurantiaca major.** Great Orange Day-Lily. Deep orange, sweet-scented, large and lovely flowers; free-blooming. 3 ft. July, Aug.

—**aureole.** Golden yellow. A very early-blooming variety. 3 ft. May-July.

—**citrina.** Large flowers of lemon-yellow or pale sulphur-yellow; very fragrant. Leaves large. Tall-growing variety. Excellent for cut-flowers. 3 ft. June, July.

—**Dumortieri.** Orange-yellow. 2 ft. May, June.

—**flava.** Lemon Lily. Flowers lemon-yellow, sweet-scented. 3 ft. May. 25 cts. each, \$2 for 10, \$15 per 100.

—**flava major.** Large, fragrant, lemon-yellow flowers. 3 ft. May.

—**Florham.** Large, fragrant golden yellow flowers. 3 ft. June, July.

—**fulva.** Tawny Day Lily. Orange. 2 to 3 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

—**fulva Kwanso.** Large, double flowers of a rich bronze orange. 2 to 3 ft. June-Aug. 25 cts. each, \$2 for 10, \$15 per 100.

—**hybrida, Gold Dust.** Orange flowers. 3 ft. June.

—**hybrida, Sovereign.** Pretty dark orange flowers. Very early-blooming variety. 2 to 3 ft. June, July. See illustration.

—**Middendorffii.** Flowers deep orange-yellow. Desirable for cutting. 2 to 3 ft. June, July. 25 cts. each, \$2 for 10, \$15 per 100.

—**Thunbergii.** Flowers lemon-yellow, very fragrant. One of the most desirable species. Later to bloom than Flava. 3 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

COLLECTION, 6 varieties, our selection, \$1.25



Hemerocallis hybrida, Sovereign; H. citrina in the background



\***HEPATICA angulosa**. Liverleaf. Very pretty blue, white or red flowers, early in the spring. 4 to 6 in. April, May.

\*—**triloba**. Blue flowers early in spring. 4 to 6 in. April, May.

**HERACLEUM villosum (giganteum)**. Giant Parsnip. White flowers; immense, showy leaves, suitable for subtropical gardens. 8 to 10 ft. July, Aug. 50 cts. each, \$4.50 for 10.

**HESPERIS matronalis**. Sweet Rocket. Sweet-scented white and pink flowers. Very easily grown. 2 ft. May, June.

\***HEUCHERA brizoides**. Alum Root. Large, pink flowers. 1½ ft. May–Sept.

\*—, **Edge Hall Hybrid**. A new introduction into America which we are offering for the first time. 50 cts. each, \$4.50 for 10.

\*—, **Flambeau**. A striking new variety with reddish flowers. 1 to 2 ft. 50 cts. each, \$4.50 for 10.

\*—, **La Perle**. A new dark red variety. 50 cts. each, \$4.50 for 10.

\*—, **Perry's White**. A pleasing, pure white flowering variety. 1 to 2 ft. May–Sept.

\*—, **Pluie de Feu**. Exceedingly bright fiery red flowers on loose, elegant, graceful spikes. Free-flowering. A very showy variety. June, July. 50 cts. each, \$4.50 for 10. Illustrated.

\*—**Rosmondi**. Pleasing coral-pink. 2 ft. June–Sept. 50 cts. each, \$4.50 for 10.

\*—**sanguinea**. The bright crimson flowers are borne in long, graceful, arching sprays for weeks in succession, and are excellent for cutting. 1½ ft. May–Sept.

\*—**sanguinea gracillima**. Quantities of very fine, soft rosy pink flowers on long, thin stems. 1 to 1½ ft. May–Sept.

—**sanguinea hybrida**. Assorted colors. 1½ ft. May–Sept.

\*—**sanguinea splendens**. Crimson Bells. Fine scarlet flowers. Excellent for cutting. 1 to 2 ft. May–Sept.

All *Heucheras*, 35 cts. each, \$3 for 10, \$18 per 100, except where noted

**HIBISCUS**, Mallow Marvels. A robust type, with deeply cut foliage, and large flowers in shades of crimson, pink, and white.

—**Moscheutos**. Swamp Rose-Mallow. The flowers are 6 inches in diameter, of a light rose, with darker eye. 5 to 6 ft. Aug., Sept.

—**Moscheutos Hybrids (B. & A. Giant-flowered Marsh Mallows)**. These have grown fast in popularity. The mammoth hollyhock-shaped flowers range in color from white to intense crimson, but there is a softness and delicacy to all the shades that make them harmonize with almost any color scheme.

These Hybrids are frankly careless about where they grow, but, like all plants, they repay reasonable consideration with a greater growth and richer bloom.

Have some of these gorgeous flowers in your garden by all means. Our stock is extensive and of the highest quality. All the roots offered will produce blooming plants next summer. Illustrated on page 24.

	Each	10
1-year.....	\$0 25	\$2 00
2-year.....	35	3 00
3-year.....	50	4 50
4-year, strong clumps.....	75	6 50

COLLECTION of 3 varieties, 60 cts.

—**oculiroseus (Moscheutos, Crimson Eye)**. Flowers of immense size. The color is of purest white, with a large spot of deep velvety crimson in the center. 5 to 6 ft. Aug., Sept.

**HOSTA**. See *Funkia*.

\***HYPERICUM calycinum**. Aaron's Beard. Rapidly spreading subshrub, with golden yellow flowers. 1 foot. August. 50 cts. each, \$4.50 for 10.

\*—**Moserianum**. Gold Flower. Beautiful golden yellow flowers, with crimson stamens. Dwarf habit. One of the best perennials and very showy when in bloom. 1½ ft. June–Sept. 50 cts. each, \$4.50 for 10.

\***IBERIS**. Hardy Candytuft. The perennial Candytufts are evergreen, form dense masses of pretty foliage and are covered with clusters of fragrant white flowers early in spring. One of the most attractive of our hardy perennials.

\*—**gibraltarica**. Large, delicate lilac flowers, blooming early in spring; useful for cutting. 1 ft. May, June.

\*—**sempervirens**. Spreading habit; flowers white. Border plants; fine for forcing. 10 in. April, May.

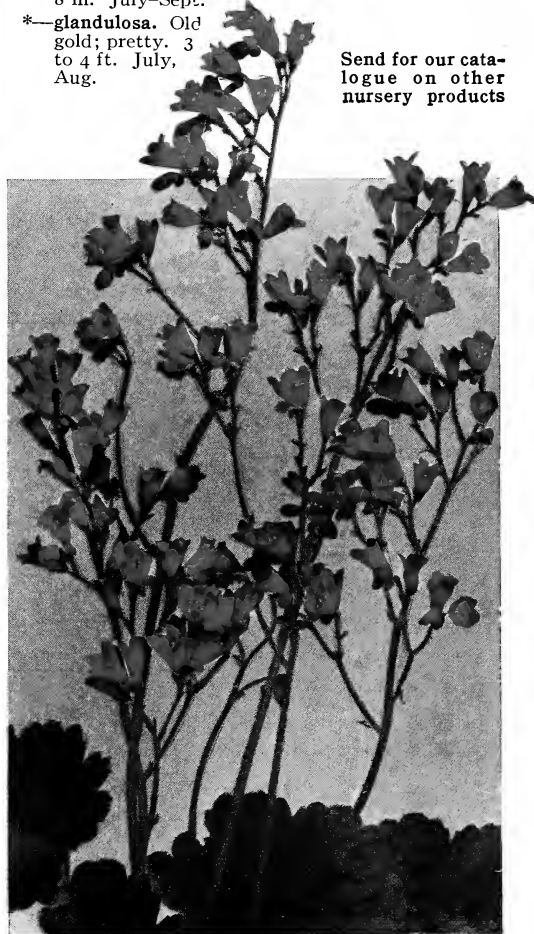
\*—**sempervirens, Little Gem**. Snowy white flowers; of compact habit; dwarf. 6 in. April. 35 cts. each, \$3 for 10.

**INCARVILLEA Delavayi**. Large, rose-colored, trumpet-shaped flowers, produced in clusters on stems 1½ ft. long. June. 50 cts. each, \$4.50 for 10.

\***INULA ensifolia**. Fleabane. Yellow; small flowers. 8 in. July–Sept.

\*—**glandulosa**. Old gold; pretty. 3 to 4 ft. July, Aug.

Send for our catalogue on other nursery products



Heuchera, *Pluie de Feu*

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100



B. & A. GIANT-FLOWERED MARSH MALLOWS. Natural size 8 to 10 inches. See page 23





## Iris

To many home-ground gardeners in America, the word Iris brings up mind-pictures of merely two or three of the most common varieties—kinds that are either native to that particular locality or have become naturalized in the course of time. To such flower-lovers we urge a close first-hand acquaintance with as large a number of the magnificent varieties in the following lists as can be accommodated in the planting-space available. There is a stateliness and splendor about these improved varieties that taxes one's powers of description to the utmost; a range of color and form of flower that is simply marvelous; and the only danger to be combated in Iris-growing is that there is a possibility of becoming so enthusiastic about them as to plant only Irises to the exclusion of everything else! But that's a risk we have to run, and we do it gladly that we may make it possible for you to gain new friends in this wonderful family and acquire an Iris bed that will be not only a source of real joy to you but a Mecca for the flower-lovers of your community.

### Iris Germanica

#### German Iris; Fleur-de-Lis

It is probable that the greatest range of color is found in this section—from pure white through all shades of mauve to blue and dark purple; the flowers are regular orchids in beauty and structure and they have a delicate fragrance that seems to be only a natural accompaniment of such wonderful blooms. A well-drained, sunny location, with the rhizomes just covered with soil is about all the planting advice needed. In the descriptions following, "S" represents standards or upper petals; "F" falls or lower petals. Their blooming period ranges from May to June.

#### General List of German Iris

Here are gathered together the "novelties" of other years that have "made good." It is an opportunity for the grower who is not interested particularly in having the newest things on the market to acquire a bed of these magnificent improved varieties at a comparatively low cost. A few in this list are yet rare, or are of exceptional merit, and the price of such is above the average. You will find, however, that whatever the price of the Iris named below, they are worth far more to you in enjoyment when they show their beautifully colored, orchid-like flowers at bloom-time. Be liberal in selection; you won't regret it! We have based our prices according to the value of each variety.

*Except where noted, 25 cts. each, \$2 for 10, \$15 per 100*

- Acquackanonk.** S, light yellow; F, velvety maroon with a border of light yellow, lighter than King. 50 cts. each.
- Ada.** S, lavender on upper half, yellow on lower half; F, white, edged and veined lilac. 25 in.
- Admiral Togo.** S, white, faintly tinted and frilled lavender; F, white, lightly frilled purple; very tall. 32 in.
- Agnes.** S, white, frilled and shaded lilac; F, white, lilac at base. 15 in.
- Albatross.** S, white, shaded pale blue; F, white, veined and tipped rich purple.
- Albert Victor.** A great favorite. S, soft blue; F, beautiful lavender. Large and beautiful flower.
- Albicans.** S and F, pure white. 22 in.
- Alcazar.** S, light violet; F, deep purple-bronze, veined throat. 48 in. \$1 each.
- Amas (Macrantha).** S, light blue; F, velvety violet-blue. 26 in. 35 cts. each.
- Archeveque.** A very deep purple-violet. 24 in. \$1 each.
- Argus.** S and F, dark purple, very rich, fine.
- Arnolds.** S, rosy bronze; F, velvety purple. 23 in.
- Aurea.** Deep golden yellow; large flowers. 18 in. 35 cts. each.
- Australis.** S, deep lavender; F, light blue. 32 in.
- Beethoven (Sambucina Beethoven).** S, rosy lilac; F, purple with orange crest. 24 in.
- Berchta.** S, olive-yellow; F, violet-blue, bordered with reddish brown. 26 in.
- Blue Bird.** S and F, intense bright blue. Small flower. Fine form. 30 in. \$5 each.

- Blue Jay.** S, bright clear blue; F, intense dark blue. 30 in. 35 cts. each.
- Black Prince (Black Knight).** One of the latest and deepest of all colors. S, purplish blue; F, deep black-purple. 26 in. \$2 each.
- Boccage (L'Africain).** S, rosy purple; F, purple, striped white. 27 in.
- Boismilon.** S, bronze; F, bronze striated with bluish white. A late variety.
- Bridesmaid.** S, pale lavender; F, white, reticulated lavender. 25 in.
- Brooklyn.** S, lavender, yellow at base; F, blue-veined, brown at base. 27 in.
- Calypso.** S, pale lavender; F, white, strongly veined blue. 18 in.



Iris germanica



## IRIS GERMANICA, continued

**Candelabre.** S, white with violet spots on the base; F, plum-color; yellow beard. Medium-sized flowers; early.

**Caprice.** Reddish purple. 24 in. 25 cts. each.

**Carthusian.** S, clear lavender-blue; F, darker blue. 27 in. \$1 each.

**Caterina.** An improved *Pallida dalmatica*, of the same color but with larger flowers. 48 in. \$1 each.

**Celeste.** S, lavender; F, deep lavender; large and free-flowering. 32 in.

**Charles Dickens.** S, blue; F, dark blue, suffused and veined dark violet. 27 in.

**Chester J. Hunt.** S, celestial blue; F, dark marine-blue. 34 in. 50 cts. each.

**Cottage Maid.** S, silvery blue; F, white, tipped and reticulated violet.

**Cytherea.** S, dark lavender; F, rich blue; dwarf; late. 22 in.

**Daisy Hill.** S, light blue; F, deeper.

**Dalila.** S, pale flesh-white; F, rich purple. One of the most distinct and striking; very rare. 22 in. \$1.50 ea.

**Dalmarius.** S, pale gray-blue; F, darker, shaded violet-brown. 22 in.

**Dalmatica.** S, clear lavender-blue; F, deep lavender; very large; a superb variety. One of the finest of its class. 40 in. 35 cts. each. Illustrated on page 27.

**Darius.** S, rich canary-yellow; F, lilac, margined white, rich golden yellow beard; very distinct. 25 in.

**Dawn.** S and F, sulphur-yellow, veined bronze at the throat. 26 in. \$1 each.

**Delicata.** Large, creamy white flower.

**Donna Maria.** S, white; F, white, shaded lilac. 18 in.

**Dora Longdon.** S, lilac, suffused with yellow; F, rich reddish lilac with a slight diffusion of yellow. Medium large flower. Excellent grower and free-flowering. 30 in. \$2 each.

**Dr. Bernice.** S, coppery bronze; F, velvety crimson. 27 in.

**Edouard Michel.** S, rosy red; F, deeper rosy red. Tall; handsome, well-formed flowers. 30 to 36 in. \$3 each.

**Eldorado.** S, yellowish bronze, shaded lavender; F, bright purple. 22 in. 50 cts. each.

**Empress of India.** Large; rich, delicate blue flowers. Long, elegant flower-stems. \$3 each.

**Eugene Sue.** Creamy white, with purple spots and stripes. 18 in.

**Fairy.** White, bordered and suffused blue. 27 in. 35 cts. each.

**Fairy Queen.** S, pale lavender; F, tipped violet. 25 in.

**Flavescens.** A delicate shade of pale yellow. 20 in.

**Florentina.** White, slightly tinged lavender; very early. 27 in.

**Foster's Yellow.** S and F, creamy yellow. 18 in. 35 cts. each.

**Fro.** S, golden yellow, edged olive-yellow; F, chestnut-brown, bordered yellow. 28 in. 35 cts. each.

**Gajus.** S, light yellow; F, crimson, reticulated white and yellow, with a clear yellow edge. 20 in. 35 cts. ea.

**Germanica.** S and F, deep purple; free-flowering; early. 26 in.

**Gisele (Gazelle).** S and F, white, frilled, rich mauve. 18 in. 50 cts. each.

**Gladstone (Mr. Gladstone).** S, white; F, tipped dark purple and white striped.

**Gracchus.** S, pale yellow; F, yellow, suffused red. 25 in.

**Gypsy Queen.** S, bronze; F, deep purple, reticulated at the base. A very showy and attractive Iris that should be in every collection. 26 in.

**Hamadan.** S, light violet; F, dark purple-violet; beard bluish black and broad. 2 ft. \$3 each.

**Hebe.** White, delicately suffused soft blue. A dainty variety that is much admired.

**Hector.** S, delicate yellow; F, deep purple. 26 in.

**Herant.** S, bright blue; F, much deeper in color. 27 in.

**Her Majesty.** S, rosy pink; F, pink, veined crimson. 25 in. 35 cts. each.

**Hiawatha.** S, pale lavender, flushed rose; F, royal purple with lavender borders. 28 in. 75 cts. each.

**Honorabile.** S, golden yellow; F, rich deep brown. Especially fine for massing. 18 in.

**Hopatcong.** S, light yellow; F, chestnut-brown, with a border of light yellow. 50 cts. each.

**Innocenza.** S and F, ivory-white, with a rich golden crest. 27 in. 35 cts. each.

**Iris King.** A cross between *Pallida dalmatica* and *Maori King*. S, yellow; F, velvety dark brown with a wide border of golden yellow. 27 in. 50 cts. each.

**Iroquois.** S, smoky lavender, dotted brown; F, black-maroon, reticulated white at base. 35 cts. each.

**Isola.** S, light blue; F, violet-purple. A charming, free-flowering variety. 30 in. \$1.50 each.

**Isoline.** S, lilac-pink; F, purplish rose. 36 in. \$1 each.

**Jacquesiana.** S, bright coppery crimson; F, rich maroon. Though an old variety, it is still one of the choicest of German Iris. 30 in. 50 cts. each.

**Jeanne d'Arc.** S, white; F, white, bordered pale lilac. 27 in. 35 cts. each.

**Juniata.** S and F, deep blue, deeper than *Dalmatica*. 27 in. 50 cts. each.

**Kharput.** S, violet-blue; F, velvety dark blue. 26 in.

**Khedive.** Soft lavender. 23 in.

**Kochi.** S and F, rich, deep claret-purple. An early variety and both compact and handsome. 24 in. 35 cts. each.

**La Beaute.** S and F, large pale blue. 30 in. \$1 each.

**Lady Foster.** S, pale blue; F, violet-blue. \$2.50 each.

**Lavendulacea (Dove).** S, lavender; F, darker. 30 in.

**Leonidas.** S, clear mauve; F, rosy mauve. 27 in. 35 cts. each.

**Lewis Trowbridge.** S, bright violet; F, blue-violet, shaded rose. Excellent large flowers. 33 in. 75 cts. each.

**Lohengrin.** One of the most vigorous of the German Iris, petals 2 inches across; S and F, deep violet mauve. 28 in. 50 cts. each.

**Loreley.** S, light yellow; F, blue, bordered light yellow. 35 cts. each.

**Magnate.** S, light ageratum-violet; F, velvety purple of crimson tone. Strong grower; large flower. 30 in. \$3 each.

**Maori King.** S, golden yellow; F, deep velvety crimson; very dwarf. 14 in. 35 cts. each.

**Maritana.** White ground, veined blue. Medium grower. 24 in.

**Marvar.** S, clear yellow; F, veined and spotted violet and red. 27 in.

**Mary Garden.** S, pale yellow, flushed pale lavender; F, long, drooping, creamy white, dotted and veined maroon. 28 in. 50 cts. each.

**Mary Gray.** S, clear lavender-blue; F, dark purple-blue. Large flowers. 36 in. \$1 each.

**Mercedes.** S and F, pure white, frilled with violet and brown. 26 in. \$3 each.

**Mexicana (Gold Bound).** S, yellow; F, purple, veined white. 25 in.

**Minnehaha.** S, cream-white, shaded yellow; F, cream-white with showy maroon veins; stigma, clear yellow. Very large and fragrant flowers. 24 in. \$2 ea.

**Mirage.** S, lavender-white; F, lilac. 50 cts. each.

**Miralba.** S, rosy lavender; F, white, veined and tipped violet. 26 in.

**Miss Eardley.** S, golden yellow; F, red and yellow. 20 in. 35 cts. each.

**Mist.** S and F, lavender-blue. 40 in. 50 cts. each.

**Mithras.** S, light yellow; F, violet, shaded with claret and bordered yellow. 24 in.

**Mme. Blanche Pion.** S, pale bronze-yellow, shot with lavender; F, rich purple. 26 in.

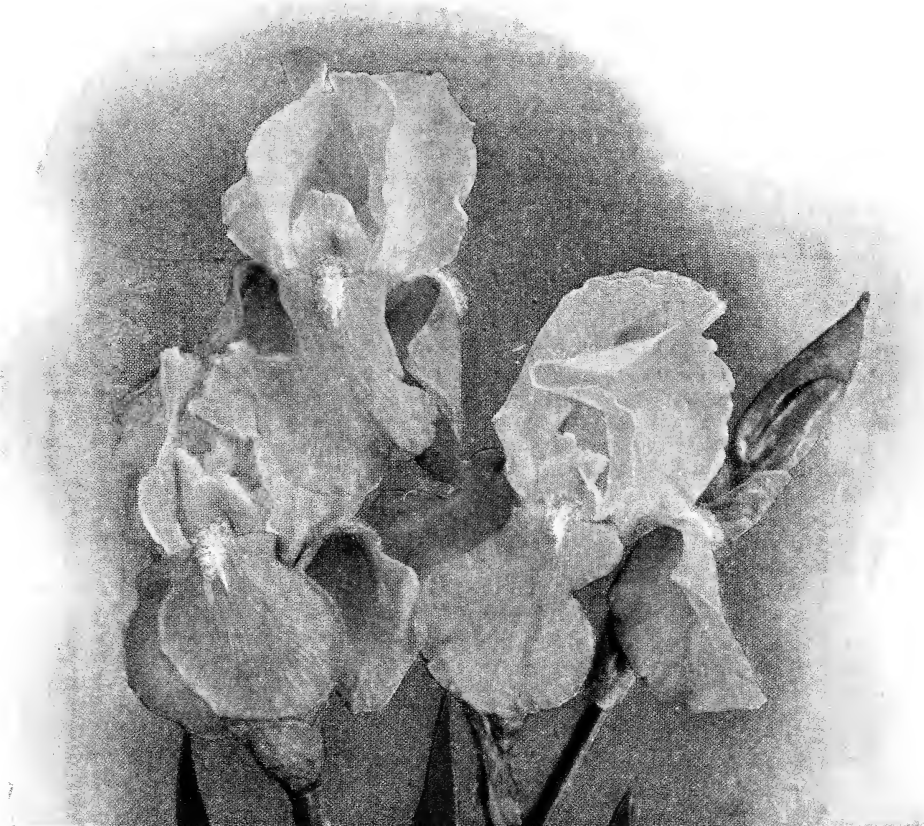
**Mme. Chereau.** White, elegantly frilled azure-blue; very beautiful. 30 in.



## IRIS GERMANICA, continued

- Mme. Guerville.** S and F, white, frilled blue. 26 in. 50 cts.
- Monsignor.** S, violet; F, velvety purple-crimson. 22 in. 50 cts. each.
- Montezuma.** S, deep golden yellow, dotted with brown; F, yellow and white, veined purple and dotted brown. A striking effect. 18 in. \$1.50 each.
- Mount Penn.** S, lavender-rose; F, crimson-lilac; deep orange beard. 30 in. \$1 each.
- Mrs. Alan Gray.** Delightful lilac-shade, when comparing with other Irises. 30 in. 35 cts. each.
- Mrs. Horace Darwin.** S, snow-white; F, white, slightly reticulated violet at base. 26 in.
- Mrs. Neubronner.** Very deep golden yellow, darker than Aurea. 14 in. 35 cts. each.
- Mrs. Reuthe.** S, white, suffused and marked blue; F, white, edged soft blue. 26 in.
- National.** S, violet-blue; F, rich velvety violet-purple.
- Navajo.** S, light bronzy yellow, shaded lavender; F, deep maroon, heavily veined white and yellow. 20 in. \$1 each.
- Neglecta.** S, pale lavender; F, purple, reticulated white.
- Nibelungen.** Flowers large; S, olive-green, suffused with yellow; F, deep purple-violet, edged pale yellow. 27 in. 35 cts. each.
- Nine Wells.** S, light violet-blue; F, deep purple-violet, showing a white ground at the throat. 48 in. \$1 each.
- Nokomis.** S, pale lavender-white; F, velvety dark violet-blue, with white borders. 35 cts. each.
- Oriflamme.** S, light blue; F, rich violet-purple. \$1 each.

- Ossian.** S, pale yellow; F, reddish-violet. 24 in.
- Pacquita.** S and F, light rosy claret. Late bloomer. 30 in.
- Pallida dalmatica.** See Dalmatica.
- Pallida speciosa.** See Speciosa.
- Parc. de Neuilly.** Excellent rich purple, self approaching bloom, not as dark as Kochii. 24 in. 50 cts. each.
- Parisiana.** S, white, dotted and shaded lilac-purple; F, white with lilac edging. Fine large flowers. 30 in. 50 cts. each.
- Pauline.** S, lavender; F, slightly darker. 26 in. 50 cts. each.
- Penelope.** S, white; F, white, delicately veined reddish violet. 18 in.
- Penge.** S, light blush-violet; F, violet-purple. 30 in. 50 cts. each.
- Pfaenauge (Peacock's-Eye).** S, olive-yellow; F, brownish blue, with a golden yellow border. 20 in. 50 cts. each.
- Plicata, Sappho.** S, yellow, flushed lavender; F, straw tipped and reticulated violet-purple. 26 in.
- Plumeri.** S and F, deep coppery red; early and free. 27 in.
- Powhatan.** S, light violet with deeper borders; F, deep purple with crimson shades. Large spreading flowers. 38 in. 50 cts. each.
- Princess Victoria Louise.** S, light sulphur-yellow; F, rich violet-red, edged creamy white. 27 in.
- Prosper Laugier.** With larger and brighter flowers than Jacquesiana. 25 in. 50 cts. each.
- Purple King.** Large flowered red-purple of fine color. 30 in. 50 cts. each.



Iris dalmatica. See page 26



## IRIS GERMANICA, continued

- Quaker Lady.** S, smoky lavender with yellow shadings; F, ageratum-blue and old-gold. 38 in. \$1 each.
- Queen Alexandra.** S, fawn, shot with lilac; F, lilac, reticulated bronze at the base. 30 in. 50 cts. each.
- Queen of May.** S and F, rosy lavender. 27 in.
- Ramapo.** S, rosy lavender; F, purple, bordered lavender. 50 cts.
- Red Cloud.** S, rosy lavender-bronze; F, maroon, with yellow veins; stigmas old-gold. Dwarf variety. 24 in. 75 cts. each.
- Rembrandt.** Soft lilac-blue. 24 in.
- Reticulata alba.** Violet-purple, edged and reticulated white.
- Rhein Nixe.** A very strong and robust grower; S, pure white; F, deep violet-blue, with a white edge. 27 in. 50 cts. each.
- Richard II.** S, white; F, deep velvety purple. Large flower; dwarf plant; very late. 18 in. \$3 each.
- Ringdove.** S, pale violet; F, deeper. 48 in. \$1.50 each.
- Rose Unique.** S and F, violet-rose. 26 in. 50 cts. each.
- Ruberissima.** S, rosy claret; F, crimson-purple. 26 in.
- Schiller.** S, golden yellow; F, velvety crimson. 25 in.
- Seminole.** S, violet-rose; F, rich velvety crimson; distinct orange beard. 22 in. \$2.50 each.
- Sherbert.** S, ecru-drab, deepening to a vinaceous purple; F, dahlia-purple shading lighter at edges. Vigorous growth. 42 in. \$3 each.
- Sherwin-Wright.** S and F, bright golden yellow. 26 in. 50 cts. each.
- Sir Trevor Lawrence.** S, pretty shade of soft blue, slightly suffused with white, lined purple; F, broad and spreading, soft plum, reticulated white; bright crimson blotch. 30 in. \$3 each.
- Speciosa.** S, dark lavender, shaded lighter; F, shaded light purple. 30 in.
- Spectabilis.** S and F, deep purple; free-flowering; early. 26 in.
- Tamerlan.** S, violet-blue; F, deeper. 36 in.
- Thora.** S, white, with blue tints; F, deep purple with white ground at throat, veined with dark purple. 50 cts. each.
- Thorbecke.** Rich clear violet-blue with white edge. 24 in.
- Towaco.** S, rosy bronze; F, purple. 50 cts. each.
- Trautlieb.** S, clear soft rose; F, rose slightly suffused white toward the center. 20 inches. 35 cts. each.
- Trojana.** S, pale blue; F, rich purple-blue. 40 in. 35 cts. each.
- Viola.** S, rosy lilac; F, deep violet-blue. 20 in. 75 cts. each.
- Violacea grandiflora.** S, rich blue; F, violet-blue. 27 in. A good standard variety. 35 cts. each.
- Wanaque.** S, rosy bronze; F, deep purple. 50 cts. each.
- Wawayanda.** S, rosy lavender; F, light maroon. 50 cts. each.
- Weequahic.** S, light blue; F, deep velvety violet. This may be called an improved Perfection. 50 cts. each.
- Wyoming.** S, white, faintly suffused blue; F, deep violet. 50 cts. each.
- Wyomissing.** S, creamy white, suffused soft rose; F, deep rose, shading to a pale rose border. 26 in. 50 cts. each.
- Yountakah.** S, light blue; F, deep violet with a distinct orange beard. 50 cts. each.

COLLECTION of 12 German Iris, our selection, \$2

COLLECTION of 25 German Iris, our selection, \$4

## Intermediate Iris, New Hybrids

The following new varieties are crosses between *Iris germanica* and *I. pumila*. They flower earlier than the German Iris. The foliage is dwarf and the flower-stems are 18 inches high. Hardy, vigorous growers; free-flowering.

25 cts. each, \$2.20 for 10, except where noted. One each of the 10 varieties following, \$3

- Blue Boy.** S, bright clear blue; F, intense dark blue. 30 in. 50 cts. each.
- Dorothea.** S, pearl-gray; F, light blue. 18 in. 35 cts. each.
- Etta.** Cream, with yellow beard; sweetly scented. 35 cts. each.
- Fritjof.** S, lavender; F, purple, shaded lavender. 20 in. 35 cts. each.
- Gerda.** S, creamy yellow; F, deep creamy yellow, veined golden yellow. 18 in. 35 cts. each.
- Halfdan.** Light creamy yellow; large flowers. 23 in. 35 cts. each.
- Helge.** Citron-yellow, with pearl-colored center. 23 in.
- Ingeborg.** Flowers large; pure white. 18 in.
- Mars.** S, light yellow; F, yellow, veined and spotted violet and red. 25 in.
- Walhalla.** S, lavender; F, wine-red. 23 in.

## Iris Pumila and Hybrids

This class of dwarf Irises is invaluable for planting in groups or as an edging to a bed of taller-growing varieties. Spread rapidly; low-growing; flowers of exquisite beauty in April and May.

25 cts. each, \$2 for 10. One each of the 12 varieties below, \$3

- Blue Beard.** S, white, with pale blue flakes; F, sulphur, marked purple.
- Brautjungfer** (Bridesmaid). DB. White, slightly splashed light blue, veined yellow and green.
- Bride.** S and F, white; green and yellow veins. Large, handsome flowers. 15 in.
- Curiosity.** S, primrose, suffused with green; F, yellow, with bronzy flaking. Orange beard. 15 in.
- Cyanea.** DB. Rich purple, with dark shadings. 4 to 8 in. May.
- Ditton Purple.** Clear violet-purple; free-flowering. 9 in. 35 cts. each.
- Excelsa.** DB. Deep yellow, splashed maroon.
- Floribunda.** DB. A very conspicuous and free-flowering variety. S, creamy yellow; F, a little darker, greenish veined. 8 in.
- Garrick.** DB. S, pale blue; F, deep violet-blue. 24 in.
- Pumila Atrovioleacea.** Violet-mauve to maroon-red.
- Lurida.** Rosy bronze. 12 in.
- Schneekuppe.** DB. S, pure white; F, white center, veined greenish yellow. 8 in. 35 cts. each.

## Iris Lævigata (Kaempferi)

### Japanese Iris

This section of the Iris family embraces wonderful colorings, vivid yet harmonious; all the colors of the rainbow seem to have been gathered together in them in the most fascinating combinations. The great size of the flowers is noteworthy, it being not at all unusual to have blooms 6 to 8 inches across, while there are plenty of instances on record where these marvelous flowers have reached the enormous size of 12 inches across.

A good, well-drained soil will encourage sturdy growth and amazing blooms if they are given plenty of water during the dry season. They come into bloom right after the German Iris are at their best in July.

- Alba Plena.** Pure white; very large; six petals. \$1 each.
- A. L. Sherwood.** Purple, veined white; three petals. 50 cts. each.
- Amethyst.** Very large, wavy petals; most exquisite lavender shade. \$1 each.
- Apollo.** Pure white, with reddish pink center; three petals. 75 cts. each.
- Blue Danube.** Pure rich blue, velvety center; six petals. 75 cts. each.
- Blue Flag.** Indigo-blue, yellow at the base; six petals. 50 cts. each.
- Bride.** Maroon, veined white; three petals. 50 cts. each.



## IRIS LÆVIGATA, continued

- Chameleon.** Purple, flaked and blotched white; six petals. 50 cts. each.
- Childs Beauty.** Rich, creamy yellow. 12 in. 75 cts. ea.
- Conadi.** Grayish white, veined dark blue; three petals. 50 cts. each.
- Crystal.** Pale violet, veined white, white center; six petals. \$1 each.
- Dinah.** Reddish purple, flaked white, six petals. 50 cts. each.
- Distinction.** Light lavender-pink, bright yellow, blotched at base of petals; three petals. 75 cts. each.
- Eclipse.** Deep purple, overlaid red; six petals. 75 cts. each.
- Firefly (Uji-no-Hotaru).** Deep purple; golden yellow center; six petals. 75 cts. each.
- Frate.** Double silvery white, veined and shaded lilac; deep lilac center. 50 cts. each.
- Gold Bound.** Large; pure white, yellow center; six petals. 50 cts. each.
- Hannibal.** Porcelain, veined rose-purple, rose-purple center; three petals. 50 cts. each.
- Helen von Siebold.** Reddish violet, veined white; three petals. 50 cts. each.
- Hyde Park.** Reddish purple, blushed with white; six petals. 75 cts. each.
- Mahogany.** Deep velvety, mahogany-red; six petals. 75 cts. each.
- Mount Hood.** Light blue, shaded darker with bright orange center; six petals. 75 cts. each.
- Mrs. Henry L. Higginson.** Bright reddish maroon, with white center; three petals. \$1 each.
- Neptune.** Single. Slate-blue. An unusual Iris. 75 cts. each.
- Noranea.** Single. Bluish white with bluish purple veins. 75 cts. each.
- Ondine.** Pure white, shaded blue; very large; three petals. \$1 each.
- Orion.** White, overlaid, and bordered maroon; six petals. 50 cts. each.
- Othello.** Lavender-blue, veined white, white center; large; six petals. 75 cts. each.
- Painted Lady.** White, richly suffused and veined bright pink; six petals. \$1 each.
- Paragon.** Rich velvety purple; three petals. \$1 each.
- Peace (Taiheiraku).** Double. Rich vinous purple, with conspicuous yellow blotches tipped blue, and which radiate out in purple veins; petaloid stigmas gray and lavender; six petals. \$1 each.
- Plume.** \$1 each.
- Porcelain Sceptre.** White, suffused blue, center pink; three petals. 75 cts. each.
- Prince Camille de Rohan.** Rich, reddish purple with indigo-blue; six petals. 50 cts. each.
- Princess Clotilde.** Ash-gray, blushed purple; six petals. \$1 each.
- Pyramid.** Light blue; center of petals veined white; six petals. \$1 each.
- Red Riding Hood.** Fine amaranth, veined and suffused white; three petals. \$1 each.
- Robert Craig.** Double French gray, veined violet; six petals. 50 cts. each.
- Shadow.** Reddish purple; three petals. 75 cts. each.
- Snowbound.** Pure white; three petals. 50 cts. each.
- Topaz.** Reddish amaranth; three petals. 75 cts. each.
- Tortoise.** Purplish red, flaked white. \$1 each.
- T. S. Ware.** Very double. Dark garnet, veined white. 50 cts. each.
- Venus.** Large; white; three petals. 50 cts. each.
- Vesta.** Ash-gray, veined purple, purple center; three petals. 75 cts. each.
- Victor.** White, veined violet-blue, purple center; six petals. 50 cts. each.



*Iris laevigata* (Japanese Iris)

**William Tell.** Porcelain, veined blue, blue center; six petals. 75 cts. each.

The plants offered above are all strong, field grown, have several eyes, and will bloom the first season after planting.

*Mixed varieties, 25 cts. each, \$20 per 100*

We shall be pleased to give special prices on named varieties in quantities on divided plants

## Various Irises

*25 cts. each, \$2.20 for 10*

**Pseudacorus** (Water Flag, Bearded Flag). A great favorite for planting along the margins of bodies of water, doing well in such semi-aquatic conditions. Flowers yellow, shaded orange. 3 ft. May, June.

**Ochroleuca gigantea.** Grows in strong clumps in almost any situation. Very distinct, with its numerous pale yellow flowers. 3 ft. May.

**Sibirica.** Compact, tufted habit of growth, the stems bearing several clusters of the purplish blue flowers. 2 to 3 ft. May, June.

**Sibirica flexuosa** (*sibirica alba*). White, veined pale lilac. 2 ft. May, June.

**Orientalis.** Compact, tufted habit of growth, the stems bearing several clusters of the purplish blue flowers. 2 to 3 ft. May, June.

**Orientalis, Snow Queen.** Flowers large, snow-white, carried on strong stems; free-flowering. 2 to 3 ft. June.

## Iris Sibirica, Perry's Blue

A hybrid from *I. sibirica*. This beautiful Iris deserves to be known better. It has large, clear blue flowers, on stiff stalks. Extra fine for cutting. A splendid grower. \$2.50 each.

## Crested Iris

**\*Cristata.** A dwarf, native species with handsome, light-colored flowers and short, thick, green foliage. 4 to 8 in. May.





**KNIPHOFIA.** See *Tritoma*.

\***LAMIUM maculatum.** A variegated nettle with deep purple flowers. 10 in. July, Aug.

**LATHYRUS latifolius.** Everlasting Pea. Flowers rose-colored, large, on many-flowered stems, similar to the annual sweet pea. 3 ft. June-Aug.

—**latifolius albus.** A variety of the preceding, with white flowers. A very desirable plant. 3 ft. June-Aug.

—**latifolius, Pink Beauty.** Large racemes of pleasing deep rose flowers. 3 ft. June-Aug.

—**latifolius roseus.** Soft rose flowers. 3 ft. June-Aug.

—**latifolius, Rose Queen.** New. Large-flowering variety with bright pink flowers. 2 ft. June-Aug.

—**latifolius, White Pearl.** The most beautiful of all Everlasting Peas, with pure white flowers, which are double the size of the ordinary Lathyrus. 2 to 3 ft. June-Aug. 35 cts. each, \$3 for 10.

**LAVATERA cachmeriana.** Pale rose-pink flowers. 3 ft. July.

\***LAVANDULA vera.** Sweet Lavender. Fragrant blue flowers. 1½ ft. July-Sept. 25 cts. each, \$2 for 10, \$15 per 100.

\***LEONTOPODIUM alpinum.** Edelweiss. This plant is well known to tourists who have traveled in Switzerland. It is as hardy as any plant can be and very distinct. 5 in. June, July. 75 cts. each, \$6.50 for 10.

**LIATRIS pycnostachya.** Kansas Gay Feather. One of the choicest and boldest species. Flowers purple, in dense spikes, which bloom a long time. Foliage thick and grass-like; excellent for masses in the border. 4 to 5 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

—**scariosa.** Spikes of deep purple flowers. 3 to 4 ft. Aug., Sept.

—**spicata.** Button Snakeroot. Western and southern states. Spikes 6 to 15 inches long; purple. 2 to 3 ft. July-Sept. 25 cts. each, \$2 for 10, \$15 per 100.

## Hardy Lilies (Lilium)

No herbaceous or shrubby border or wild garden is complete without a liberal representation of these most graceful and charming flowers. For successful growing of hardy Lilies, the chief requirement is a loose, well-manured soil, with some pure sand added under each bulb to further drainage and to prevent the bulbs from rotting. They should be planted 6 to 8 inches deep and among plants with heavy foliage, like peonies, in order to keep the soil surrounding the bulbs cool. They should be left in the same location for three or four years without lifting, which should be done in September, the replanting to take place at once. The beds should be covered with leaves or litter during winter. *Delivery of bulbs* will be made in September or October.

**Auratum.** Gold-banded Lily. Large, deliciously fragrant, white flowers, spotted crimson with a yellow band or midrib extending the whole length of each segment. Red anthers. 3 ft. July, Aug. 50 cts. each, \$4.50 for 10, \$35 per 100.

**Batemanii.** Pale orange-red flowers, sometimes tinged pink but unspotted; anthers red. 2 ft. July, Aug. 40 cts. each, \$3.50 for 10.

**Brownii.** White inside; outside purplish brown. 2 to 3 ft. July to early Aug. \$1 each, \$9 for 10.

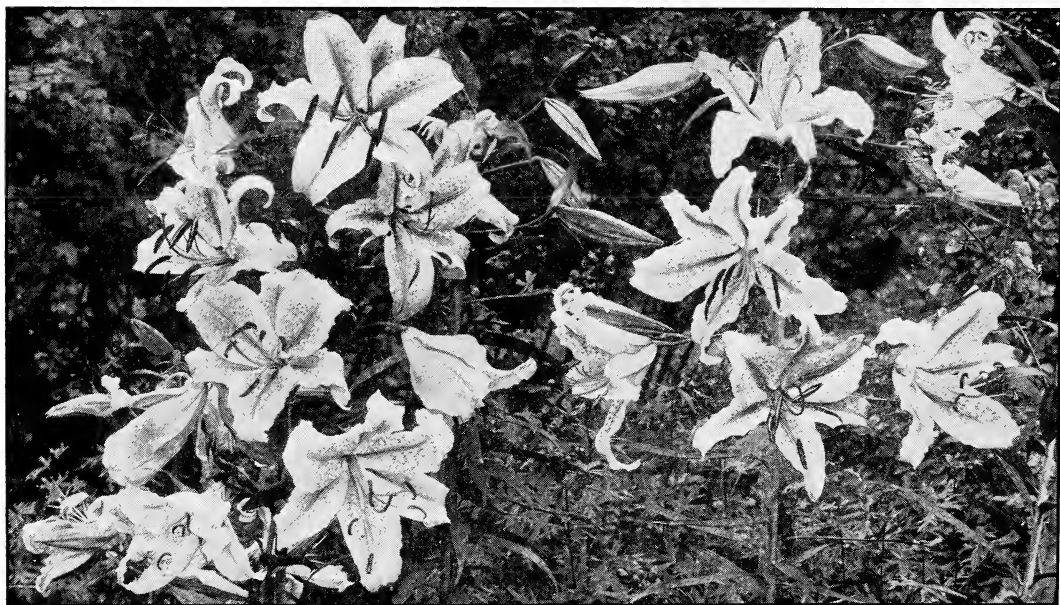
**Canadense.** Bright yellow, red-spotted, flowers in July and Aug. 30 cts. each, \$2.50 for 10.

**Canadense flavum.** Lemon-yellow flowers, spotted purplish brown; red anthers. 2 to 3 ft. June-Aug. 30 cts. each, \$2.50 for 10.

**Canadense rubrum.** Large flowers of bright orange-red, spotted purplish brown, with a still deeper red tinge on the outside. 2 to 3 ft. June-Aug. 30 cts. each, \$2.50 for 10.

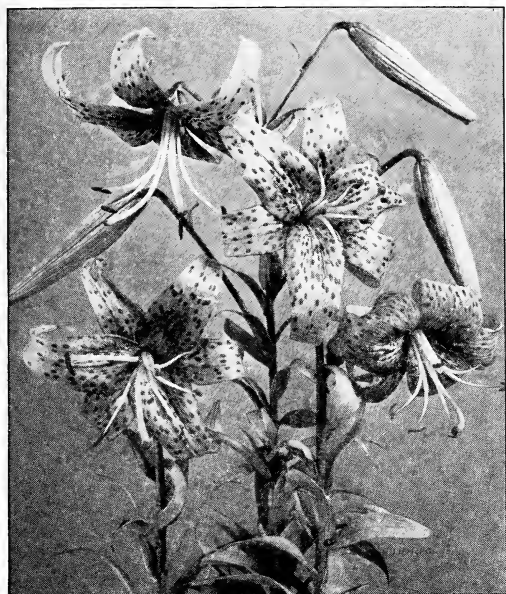
**Candidum.** Madonna Lily. Pure glistening white flowers on strong, stiff stems. 50c. each, \$4.50 for 10.

**Chalcedonicum.** Scarlet Turk's-Cap Lily. Brilliant vermilion-scarlet, very rarely slightly dotted purple; anthers scarlet. 2 ft. July, Aug. \$1.50 each.



*Lilium auratum* (Gold-banded Lilies)

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100



*Lilium tigrinum*

## HARDY LILIES, continued

- Croceum.** The Orange Lily. Bright orange-yellow flowers, spotted purplish black in center; occasionally tinged red; anthers red. 3 ft. June, July. 50 cts. each, \$4.50 for 10.
- Dauricum.** Flowers upright, scarlet. Resembles *L. philadelphicum*. 2 to 3 ft. June, July. 15 cts. each, \$1.40 for 10.
- Dauricum incomparabile.** Deep blood-red flowers, blotched yellow in center and spotted purple-black. Strong grower. 2 to 3 ft. June, July. 30 cts. each, \$2.50 for 10.
- Elegans (Thunbergianum).** Orange-red, slightly spotted purplish black, anthers red. 20 cts. each, \$1.50 for 10.
- Elegans atrosanguineum.** Solitary, deep blood-red flowers spotted purplish black, red anthers. 1 to 1½ ft. June, July. 50 cts. each, \$4.50 for 10.
- Elegans grandiflorum.** Pale apricot flowers, spotted purple-black; red anthers. Strong grower. Early bloomer. 1 to 2 ft. 50 cts. each, \$4.50 for 10.
- Elegans, Orange.** Brilliant orange flowers, larger than *L. elegans*. 1½ ft. June, July. 50 cts. each, \$4.50 for 10.
- Elegans, Prince of Orange.** Soft buff flowers spotted purple-black. Dwarf variety. 6 to 9 in. June. 50 cts. each, \$4.50 for 10.
- Giganteum.** Pure white, tinged purple near the base. July, Aug. \$3.50 each.
- Hansonii.** Flowers reddish orange, eight to twelve in a cluster; petals thick and lasting. 80 cts. each, \$7.50 for 10.
- Henryi.** Rich golden yellow, lightly spotted brown. Often reaches a height of 6 ft. 75 cts. each, \$7 for 10.
- Martagon.** Turban Lily. Claret-purple flowers, spotted purplish black; anthers red. 3 ft. June, July. \$1 each, \$9 for 10.
- Pardalinum.** Panther Lily. Bright orange, scarlet, and yellow. 3 to 6 ft. Late June-Aug. 35 cts. each, \$3 for 10.
- Philadelphicum.** Bright orange-red, tinged yellow in center, and spotted deep purple; anthers red. 30 cts. each, \$2.20 for 10.
- Regale (myriophyllum).** Deliciously fragrant flowers with pure white petals passing to bright canary-yellow at the center; the white sometimes has a suffusion of pink. \$1 each, \$9 for 10.

- Speciosum album.** Large white flower of great substance, with a greenish band running through the center of each petal. 2 ft. Aug., Sept. 50 cts. each, \$4.50 for 10, \$35 per 100.
- Speciosum roseum.** White, suffused rose-pink in the center and spotted blood-red, with a green stripe at the base. 50 cts. each, \$4.50 for 10, \$35 per 100.
- Speciosum rubrum.** Fragrant deep red flowers with green stripe at base; anthers red. 2 ft. Aug., Sept. 50 cts. each, \$4.50 for 10, \$35 per 100.
- Superbum.** Bright reddish orange flowers, shaded yellow and spotted purplish brown at base. 25 cts. each, \$2.20 for 10, \$20 per 100.
- Tigrinum.** The well-known and beautiful Tiger Lily. A vigorous grower, producing brilliant orange-colored flowers, spotted with black. Very hardy and popular Lily. 3 to 5 ft. July, Aug. 30 cts. each, \$2.20 for 10.
- Tigrinum Fortunei.** Rich, orange-colored flowers, spotted crimson-brown. 30 cts. each, \$2.20 for 10.
- Tigrinum fl.-pl.** Double Tiger Lily. Orange-red, spotted with black; double showy flowers. 30 cts. each, \$2.20 for 10.
- Tigrinum splendens.** Large, bright salmon-red flowers, spotted purplish black. Robust grower. 3 to 4 ft. Aug., Sept. 30 cts. each, \$2.20 for 10.
- Tenuifolium.** Medium-sized perfectly formed flowers of dazzling coral-red. 40 cts. each, \$3.50 for 10.
- Umbellatum erectum.** Red flowers, flushed orange; a tall and vigorous grower. 1 to 3 ft. June, July. 50 cts. each, \$4.50 for 10.
- Umbellatum fulgidum.** Deep apricot flowers. Strong variety. 1 to 2½ ft. June, July. 50 cts. each, \$4.50 for 10.
- Umbellatum grandiflorum.** Orange flowers, free bloomer. 1 to 3 ft. June, July. 50 cts. each, \$4.50 for 10.
- Umbellatum incomparabile.** Intense, rich crimson, spotted. A beautiful variety. 1 to 3 ft. June, July. 60 cts. each, \$5.50 for 10.
- Umbellatum maculatum.** Reddish orange flowers, six to ten in a cluster. A rare Japanese Lily. 1 to 3 ft. June, July. 50 cts. each, \$4.50 for 10.
- Washingtonianum.** Fragrant white flowers, spotted reddish purple in racemes. 2 to 3 ft. July. 75 cts. each, \$6.50 for 10.
- Willmottiae.** New. Rare Lily; very profuse bloomer. Orange shaded flowers. July. \$1 each, \$9 for 10.



*Lilium speciosum*



*Lupinus polyphyllus* (Lupine)

\***LINARIA hepaticæfolia**. Toad Flax. A small creeper, spreading very fast. Foliage similar to hepatica. Light blue flowers; fine for the rockery. 2 to 3 in.

\***LINUM flavum**. Flax. Very handsome, light yellow flowers. 1 ft. June, July.

\*—**perenne**. A lovely plant, with blue flowers. 1½ ft. May–Aug.

\*—**perenne album**. A white form of the above.

\***LITHOSPERMUM, Heavenly Blue**. Splendid flowers of sky-blue color. A very fine plant for the rock-garden. 4 in. June–Sept. 75 cts. each, \$6.50 for 10.

\***LOBELIA cardinalis**. Cardinal Flower. Flowers intense scarlet, opening from below upward along the tall spike, thus bearing flowers for several weeks. 3 ft. July, Aug. 25 cts. each, \$2 for 10, \$15 per 100.

\*—**sylvatica**. Fine spikes of blue flowers. 3 ft. Aug., Sept. 25 cts. each, \$2 for 10, \$15 per 100.

## LUPINUS, Downer's Hybrids

—**polyphyllus**. Lupine. Deep blue, pea-shaped flowers on long stems. 4 to 5 ft. June, July.

—**polyphyllus albiflorus** (**polyphyllus albus**). A white form of the above.

—**polyphyllus, Imperial**. New. Purple-blue.

—**polyphyllus Mœrheimii**. This is the finest of all Lupines, with its long spikes of pea-shaped flowers a foot long, on stems 3 feet long; color soft rose. June, July.

All *Lupinus*, 35 cts. each, \$3 for 10, \$25 per 100

\***LYCHNIS alpina**. Flowers pink. A good plant for the rockery. 6 in. April.

—**Arkwrighti**. Brilliant red flowers.

—**chalcœdonica**. Flowers bright scarlet, in dense clusters. An old-fashioned border plant. One of the most brilliant of hardy plants. 2 ft. June, July.

—**chalcœdonica alba**. A white-flowered form of the above.

\*—**Flos-cuculi**. Ragged Robin. Loose clusters of red or pink flowers. 1 to 2 ft. May–Aug.

—**Haageana**. Brilliant orange-scarlet flowers of very large size; fine for cutting. 1 ft. May, June.

—**viscaria splendens fl.-pl.** German Catchfly. A fine variety, with double, crimson flowers. 1 ft.

**LYCORIS squamigera** (*Amaryllis Hallii*). In early spring it produces attractive green foliage, which grows until July, when it ripens and disappears; then the delicate lilac-pink flowers appear. 2 ft. July.

**LYSIMACHIA ciliata**. Fringed Loosetrife. Dainty yellow flowers with dark bronzy foliage. 2 ft. July, Aug.

—**clethroides**. Japanese Loosetrife. A fine hardy variety from Japan, with long spikes of pure white flowers. 2 ft. July–Sept.

\*—**Nummularia**. Creeping Jenny; Moneywort. A creeper, with yellow flowers. 2 to 3 in. June, July.

All *Lysimachias*, 25 cts. each, \$2 for 10, \$15 per 100

**LYTHRUM Salicaria roseum, Perry's Variety**. Flowers and spikes are larger than in the ordinary Loosetrife, and a most beautiful shade of cherry-red. For bog-garden or naturalizing, there is nothing to equal it. 2 to 3 ft. July–Sept.

—**Salicaria roseum, Rose Queen**. A remarkably free-blooming variety, with long, graceful spikes of rosy pink flowers. 2 to 3 ft. July–Sept.

—**Salicaria roseum superbum**. Purple Loosetrife. Tall spikes of rosy purple flowers, on long, graceful stems. 3 to 4 ft.

**MALVA moschata**. Musk Mallow. Flowers rose; sweet scented. 1 to 2 ft. June–Sept.

—**moschata alba**. A charming plant; flowers white. 1 to 2 ft. June–Sept.

\***MAZUS rugosus**. A dwarf, creeping plant. Fine for the rockery. Aug., Sept.

**MENTHA rotundifolia variegata**. Variegated Round-leaved Mint. Purplish flowers; aromatic foliage. 1 to 2 ft. June–Sept.

\***MENZIESIA polifolia**. Usually planted with heather. Dark green glossy leaves and spikes of large, drooping, purple bell-shaped flowers. 1½ ft. July–Oct. 50 cts. each, \$4.50 for 10.

\*—**polifolia alba**. A white variety of the above. 50 cts. each, \$4.50 for 10.

**MERTENSIA virginica**. Bluebell. Flowers blue, funnel-formed, in nodding clusters. Should not be disturbed when once planted. 1½ ft. May, June.

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100





**MONARDA didyma.** Oswego Tea. Compact heads of bright red flowers. 3 ft. June-Aug.

—**didyma rosea.** A variety of the preceding, with rose-colored flowers. 3 ft. June-Aug.

—**didyma salmonea.** Large heads of a delicate shade of salmon-pink. Will stand moister positions than other Monarda varieties. 3 ft. June-Aug.

—**didyma violacea superba.** Deep amaranth-red flowers. 3 ft. June-Aug.

—**fistulosa alba.** Flowers white. 3 ft. July.

All Monardas, 25 cts. each, \$2 for 10, \$15 per 100

COLLECTION of 5 varieties, \$1

**MONTBRETIA (Tritonia).** Bears from eighteen to thirty showy, star-shaped flowers of orange, suffused with red; plant in spring and protect with leaves in winter. 2 to 3 ft. July-Sept.

—**crocsmæflora.** Rich orange-yellow, tinged with red.

—, **Etoile de Feu.** Vermilion, clear yellow center.

—, **George Davison.** Fine golden yellow; very distinct.

—, **Germania.** Large; orange-red, dark red throat.

—, **Martagon.** Flowers orange, with brown spots.

—, **Rayon d'Or.** Yellow and brown.

15 cts. each, \$1.20 for 10, \$10 per 100

\***MUEHLENBECKIA nana.** An elegant rock-plant with wiry stems only a few inches long, densely clothed with small dark green leaves.

\***MYOSOTIS alpestris robusta grandiflora.** Forget-me-not. A dwarf and compact variety; flowers pale blue. 8 in. May, June.

\*—**scorpioides semperflorens (palustris semperflorens).** This variety remains in flower a long time; color blue. 10 in. May-Sept.

\*—, **Nixenauge.** Pale blue flowers. Best of all Forget-me-nots. From 3-in. pots. May, June.

All Myosotis, 20 cts. each, \$1.80 for 10, \$15 per 100

\***NEPETA hederacea (Glechoma).** Blue; a beautiful evergreen plant of creeping habit; fine for rock-work. 5 in. May, June.

\*—**hederacea variegata (Glechoma hederacea).** Pretty variegated form of the above.

\*—**Mussinii.** Mauve-colored flowers; blooms constantly. 8 in. April-June.

\***ŒNOTHERA fruticosa.** Sundrops. Showy yellow flowers 1½ to 2 inches across, in clusters. 1 to 3 ft.

\*—**fruticosa Youngii.** A stocky grower and profuse bloomer. Firm, glossy foliage; lemon-yellow flowers. 2 ft.

\*—**missouriensis.** Large, yellow flowers. 10 in. June-Aug.

\*—**speciosa.** Large, white flowers. 1½ ft. Aug., Sept.

All Œnotheras, 25 cts. each, \$2 for 10, \$15 per 100



MONTBRETIAS

George Davison

Germania

Rayon d'Or

\***NIEREMBERGIA rivularis.** White-Cup. An excellent, dwarf, creeping alpine plant, with cup-shaped creamy white flowers. 8 in. June-Aug.

**OMPHALODES verna alba.** Very choice white flowers in loose spikes. Free-growing plant which trails. Excellent for shady situations in rock-gardens or borders. 6 in. May-Sept. 50 cts. each, \$4.50 for 10.

**OROBUS lathyroides.** Bitter Vetch. Violet-blue, pea-shaped flowers. 1½ ft. May. 50 cts. each, \$4.50 for 10.

—**vernus.** Bright purple. 1½ ft. May, June. 50 cts. each, \$4.50 for 10.



Lychnis viscaria. See page 32



Peonies prominent in the perennial border

## Peonies

The Peony is one of our best-known and best-loved flowers, and each year sees some improvement in its form and color. The gorgeous beauties of today far excel the varieties grown in our grandmothers' gardens, but all are attractive. They have a place all their own in the flower-garden, and reward any extra care with a wealth of handsome blooms and a profusion of rich green foliage.

The blooming period extends from the middle of May through June. While some varieties of Peonies attain a height of but 1 foot, others grow to a height of 3 to 4 feet.

**Planting.** Although very hardy and easily grown, the Peony prefers a good, deep soil in a rather moist yet sunny location. The result of good soil can be seen in the quality and size of the blooms. Plant the roots so that the eyes are about 2 to 3 inches under the surface.

They should be planted in fall, after the leaves have dried off. In watering, keep the buds dry and so prevent their rotting. Cut seed-pods off after flowering.

If in a very cold section, roots should have a light covering of loose straw or hay for the first winter, after which no protection should be needed. Heavy mulching of manure or covering of any kind in winter is often the cause of Peonies not blooming.

The following are the best of the old and new varieties, all well-grown, healthy stock.

*Our plants are freshly dug from the fields, not kept in storage, and no divisions are taken off in fall. In other words, we have based our prices according to the value of each variety. A 2- and 4-year-old plant has been growing in the field 2 and 4 years since having been divided. For larger quantities ask for our special quotation.*

**Agida.** Late dark rose. 2-yr. 75 cts.; 4-yr. \$3.

**Albatre.** Midseason. Milk-white, shaded ivory, wide center petals tinged lilac, edged with a minute carmine line; very large, compact, globular; fragrant. One of the best whites. 2-yr. \$1; 4-yr. \$4.

**Albert Crousse.** Late. Very large, flat, compact bomb; rose-white, flecked crimson; fragrant. 2-yr. \$1.50; 4-yr. \$5.

**Alexandre Dumas.** Early midseason. Medium size; light violet-rose, creamy white collar of narrow petals, mingled with the wide center petals; fragrant; medium height; free bloomer. Good cut-flower variety. 2-yr. 75 cts.; 4-yr. \$3.

**Alfred de Musset.** Late. Compact, very large, milk-white flowers, bluish center, crimson flecks. 2-yr. \$1.50; 4-yr. \$5.

**Alsace-Lorraine.** Late. Cream-white petals; deepening to pale yellow, arranged like a water-lily; very large; flat; free bloomer. Strong division \$5.

**Ambroise Verschaffelt.** Large, cup-shaped bloom of deep crimson-purple. 2-yr. 75 cts.; 4-yr. \$3.

**Armandine Mechin.** Midseason. Large, compact blooms of violet-crimson, showing stamens; strong, spreading habit; free bloomer. 2-yr. 75 cts.

**Atrosanguinea.** Midseason. Purplish red, tinted with violet. 2-yr. 75 cts.; 4-yr. \$3.

**Augustin d'Hour.** Midseason. A lovely dark, solferino-red, with slight silvery reflex; large, rather compact. 2-yr. \$1.50; 4-yr. \$4.

**Avalanche.** Late. Large, compact, white blooms, with cream-white collar, center tinted lilac-white, and prominent carmine flecks lengthwise of petals; fragrant. 2-yr. \$1.50; 4-yr. \$5.

**Baroness Schroeder.** Midseason. Flesh-white, fading to milk-white; very large, globular; fragrant. 2-yr. \$2.50; 4-yr. \$7.50.

**Berlioz.** Late midseason. Beautiful light carmine-rose, tipped silver; large, compact. 2-yr. \$1; 4-yr. \$4.

**Boule de Neige.** Early midseason. The rather globular flowers are very large, compact, milk-white, with guards and center prominently flecked crimson. 2-yr. 75 cts.; 4-yr. \$3.



## PEONIES, continued

**Canari.** Late. White, tinted pale pink, center amber-white, passing to white, carpels and stigmas pink; medium size, globular. 2-yr. 50 cts.; 4-yr. \$2.

**Candidissima.** Early. Pure white with sulphur center, carpels in center tipped green; fragrant; tall, strong grower; free bloomer. 2-yr. 75 cts.

**Charlemagne.** Late. Very compact, large, globular blooms of lilac-white, with tinge of blush in center; fragrant. 2-yr. 50 cts.; 4-yr. \$2.

**Claire Dubois.** Late. Very large, globular, rose type. Uniform color, clear deep violet-rose, tipped silvery white. Erect, tall, strong grower. 2-yr. \$2.

**Claude Gellee.** Large, compact, flat rose type; creamy white. Dwarf, compact grower; late bloomer. 2-yr. \$2.

**Clementine Gillot.** Late. Uniform light Tyrian rose; large, compact. 2-yr. \$1.

**Comte de Gomer.** Very large bloom of velvety purplish red. Very fine. Late. 2-yr. 50 cts.

**Couronne d'Or.** Late. Lovely pure white flowers, with a ring of yellow stamens around a tuft of center petals tipped carmine; large flat. 2-yr. \$1; 4-yr. \$4.

**De Candolle.** Large, imbricated cup-shaped bloom of currant-red, shaded amaranth. Midseason. 2-yr. \$1.

**Delachei.** Late midseason. Large, rather compact blooms of violet-crimson, slightly tipped silver. 2-yr. 75 cts.; 4-yr. \$3.

**Dr. Caillot.** Midseason. Brilliant dark Tyrian rose; very large; fragrant. 2-yr. \$1.

**Duc de Wellington.** Late. Large white flower with sulphur center; fragrant. 2-yr. 75 cts.

**Duchesse de Nemours.** Early. A lovely pure white variety, with sulphur-white collar; medium size; fragrant. 2-yr. 75 cts.; 4-yr. \$3.

**Edmond About.** Late midseason. Large, compact, globular rose type. Pale hydrangea-pink, deepening in center, which is flecked crimson. Extra fine form, medium tall, very strong stem. Fragrant. Strong division. \$5.

**Edmond Lebon.** Midseason. Bright violet-rose flowers of large size and rather compact. 2-yr. \$1.

**Edouard Andre.** Midseason. Sem-double, dark carmine-violet flowers, with widely notched petals; medium size. 2-yr. 75 cts.; 4-yr. \$3.

**Edulis Superba.** Early. Large, loose flowers of bright mauve-pink, collar mixed with lilac; fragrant. 2-yr. 75 cts.

**Empereur Nicolas.** Midseason. Medium size, loose, semi-rose type. Dark carmine-rose. Tall, strong grower, medium bloomer. 2-yr. \$2.50.

**Eugene Verdier.** Late. Very large, compact blooms of pale hydrangea-pink, with outer guard petals lilac-white; fragrant; extra strong stems. 2-yr. \$2.50; 4-yr. \$7.50.

**Faust.** Midseason. Medium size; globular crown; hydrangea-pink, fading to lilac-white. 2-yr. 50 cts.; 4-yr. \$2.

**Felix Crousse.** Midseason. Brilliant red; large; good fragrance. 2-yr. \$1; 4-yr. \$4.

**Festiva.** Late. Large; double; creamy white, with crimson spots in center; fragrant. 2-yr. 75 cts.; 4-yr. \$3.

**Festiva Maxima.** Early. Larger than Festiva and the same in color except that outer petals are sometimes tinted faint lilac-white on opening. The most popular white for cut flowers. 2-yr. 75 cts.; 4-yr. \$3.

**Fidelina.** Late, dark pink, very free-flowering. 2-yr. 75 cts.; 4-yr. \$3.

**Floral Treasure.** Midseason. Very large; showy, pale lilac-rose; free bloomer; fragrant. 2-yr. 75 cts.; 4-yr. \$3.

**Formosa Rosea.** Dark pink, center salmon-pink. 2-yr. \$1; 4-yr. \$4.

**Fragrans.** Bomb type, dark pink. Strong, vigorous, free bloomer. Good keeper; very fragrant. 2-yr. 50 cts.

**General Bertrand.** Early. Large; compact; globular, typical bomb. Uniform solferino-red, center slightly tipped silver. Tall, strong, upright grower. 2-yr. \$1.

**Germaine Bigot.** Midseason. Very large; medium, compact; flat crown. Pale lilac-rose, center prominently flecked crimson. Strong; erect; medium height; free bloomer. 2-yr. \$2.

**Gigantea.** Delicate rose-pink; fragrant. 2-yr. \$1.50.

**Gloire de Boskoop.** Pure white. Tall, strong grower; choice variety. 2-yr. \$1; 4-yr. \$3.50.

**Gloire de Chenonceaux.** Late midseason. A lovely, uniform solferino-red, becoming silver-tipped with age; medium to large, globular, compact; fragrant. 2-yr. \$1; 4-yr. \$4.

**Gloire de Douai.** Large, purplish crimson flowers, black reflex. 2-yr. 75 cts.

**Gloria Mundi.** Sulphury white. 2-yr. 50 cts.

**Henri Demay.** Midseason. Bright aniline-red, silvery reflex, center petals slightly fringed; medium size, compact. 2-yr. 75 cts.; 4-yr. \$3.

**Jeanne d'Arc.** Large, bright pink tufted center, tipped carmine, with soft pink guard petals and sulphur collar petals. 2-yr. 75 cts.

**Karl Rosenfield.** Very large, globular, compact, semi-rose type; dark crimson. Tall, strong grower; free bloomer. Midseason. 2-yr. \$3.

**La Perle.** Midseason. Large, compact rose type. Deep lilac-white, blush center, flecked carmine; fragrant. 2-yr. \$1.50; 4-yr. \$5.

**La Rosiere.** Midseason. Large, semi-double flowers of pure white, shading to cream-white in the center and having pale green carpels with white stigmas. 2-yr. \$1.50; 4-yr. \$5.

**La Tulipe.** Late. Large; lilac-white, outer guard petals striped crimson; strong grower; free bloomer; fragrant. 2-yr. 75 cts., 4-yr. \$3.

**La Vestale.** Midseason. Large; very deep, compact crown; lilac-white; collar cream-white; center flecked crimson; strong, erect, tall, free bloomer. 2-yr. \$1.

**Lady Alexandra Duff.** An immense, cup-shaped flower. The outer petals are pale rose, gradually shading lighter toward the center to a rosy white. Highly perfumed. Strong division \$10.

**Lady Leonora Bramwell.** Silvery rose. 2-yr. 50 cts.

**L'Eclatante.** Midseason. Tyrian-rose of very large, compact, bomb type, strong and of medium height. 2-yr. 75 cts.; 4-yr. \$3.

**L'Indispensable.** Late. Very full, globular flowers of lilac-white, shading to pale violet-rose toward center. 2-yr. \$1.50; 4-yr. \$5.

**Livingstone.** Late. An extra-good variety, having very large, compact flowers of pale lilac-rose, with silver tips, central petals flecked carmine. 2-yr. \$1.50; 4-yr. \$5.

**Lord Kitchener.** Early. Large; brilliant carmine-red. A very attractive variety. Strong division \$3.50.

**Louis Vanhoutte.** Late. A very brilliantly colored variety having deep carmine-rose flowers, tipped with silver, and with fiery reflex; medium size, fragrant. 2-yr. 75 cts.; 4-yr. \$3.

**Louise Renault.** Late. Medium size; informal rose type. Cherry-pink, silvery tipped. 2-yr. 50 cts.

**Magnifica.** Midseason. White, with yellowish center; medium size, flat; fragrant. 2-yr. 75 cts.; 4-yr. \$3.

**Marcelle Dessert.** Large, medium compact flowers, with high crown; milk-white, minutely splashed with lilac, center flecked crimson, very fragrant. Medium habit. Midseason. Strong division \$4.

**Marechal Vaillant.** Late. Very large, compact, globular, rose type. Dark mauve-pink. Tall; heavy, coarse stem, barely supporting the heavy bloom. 2-yr. 75 cts.

**Marguerite Gerard.** Late. An exquisite pale hydrangea-pink, fading to nearly white, central petals minutely flecked dark carmine; large, compact. 2-yr. \$1.50.

**Marie.** Very late. Medium-sized, flat, compact flowers of lilac-white fading to milk-white, with golden yellow staminodes or short narrow petals around the collar; fragrant. 2-yr. \$1.50.



## PEONIES, continued

- Marie Jacquin.** Midseason. Very large, semi-double, rose-white flowers, fading to lilac-white. The wide, incurved petals show an open center filled with stamens, like a water lily. 2-yr. \$1; 4-yr. \$4.
- Marie Lemoine.** Very late. Pure white, with cream-white center, occasional carmine tip; large, very compact; fragrant; extra strong stem. 2-yr. \$1; 4-yr. \$4.
- Marie Stuart.** Midseason. Anemone crown type. Color a delicate lavender, flecked with crimson, which fades to pure white as the flower ages. 2-yr. 75 cts.
- Marquis C. Lagergren.** Bright cherry-red, with darker shading. Strong division \$3.50.
- Mathilde de Roseneck.** Late. Very large, globular, rose type. Uniform, pale lilac-rose, very wide petals, center deep carmine. Free bloomer. 2-yr. \$1.50.
- Meissonier.** Midseason. Very brilliant purple-red; medium size; frag ant. 2-yr. 50 cts.; 4-yr. \$2.
- Milton Hill.** Late. Very large, globular, compact, rose type. Pale lilac-rose—very distinct, pure color. Strong division \$3.
- Mlle. Desbuisson.** Large, flat, compact, semi-rose type; guards violet-rose, center fading to milk-white; stamens visible; fragrant. Tall, strong; free-blooming habit. Late. 2-yr. \$1.
- Mlle. Leonie Calot.** Late midseason. Large flowers of delicate rose-white, with deeper center, and slight carmine tips. Very distinct. 2-yr. \$1; 4-yr. \$4.

- Mlle. Marie Calot.** Late midseason. Very pretty, large, globular flowers; milk-white, tinted flesh, flecked with crimson; fragrant. 2-yr. \$1.
- Mlle. Renee Dessert.** Midseason. Pure mauve, tipped silver; large, globular, rather compact; fragrant. 2-yr. 75 cts.
- Mlle. Rousseau.** Midseason. Large, globular flowers borne on extra strong stems; milk-white, center petals splashed lilac-white, flecked carmine, outer guard petals prominently splashed carmine. 2-yr. \$2.
- Mme. Barillet Deschamps.** Midseason. Clear violet-rose, fading to a delicate silver pink. Large, flat, imbricated, rose type; fragrant, medium height. 2-yr. \$1.
- Mme. Benoit Riviere.** Very large, cup-shaped flower, broad, soft pink petals and rose-salmon center, shaded deeper toward collar. Strong division \$7.
- Mme. Breon.** Early. Medium-sized white flowers, with shell-pink g ards, red carpels, and pink stigmas. 2-yr. 50 cts.
- Mme. Calot.** Early. Very large, delicate hydrangea-pink, with darker center, and collar tinted silver; fragrant. 2-yr. \$1; 4-yr. \$4.
- Mme. Chaumy.** Midseason. Pale lilac-rose, silvery reflex, center petals slightly darker, flecked crimson; medium size, very compact. 2-yr. 50 cts.; 4-yr. \$2.
- Mme. de Galhau.** Late. Rose-white, center pale lilac-rose; medium large, compact, globular; fragrant. 2-yr. 75 cts.; 4-yr. \$3.
- Mme. de Verneville.** Early. Large, very full flowers of pure white, with blush center when first opening, later fading to white, carmine flecks; fragrant. 2-yr. 75 cts.; 4-yr. \$3.
- Mme. d'Hour.** Very large blooms; soft carmine-pink, silvery reflex; erect stems. 2-yr. \$1.50; 4-yr. \$5.
- Mme. Emile Galle.** Late. Large, compact, flat, rose type. Deep lilac-white changing to milk-white in the center. 2-yr. \$1; 4-yr. \$4.
- Mme. Emile Lemoine.** Midseason. An extra fine variety with large, globular, compact flowers of milk-white. 2-yr. \$1.50; 4-yr. \$5.
- Mme. Forel.** Late. Violet-rose, silvery tipped center; large, compact; imbricated; fragrant. 2-yr. 75 cts.
- Mme. Fould.** Very late. Large, compact outer petals; milk-white, center lilac-white slightly flecked with crimson; fragrant. 2-yr. \$1.50.
- Mme. Gaudichau.** Large, globular flowers; dark, intensely brilliant crimson. Tall, strong habit. Strong division \$10.
- Mme. Geissler.** Midseason. Very large, compact, globular, imbricated, rose type; violet rose, tipped silver; fragrant; spreading habit. 2-yr. \$1; 4-yr. \$4.
- Mme. Joanne Sallier.** Large, globular, semi-double violet-rose colored flowers, with guards and center flecked crimson. Early. Strong division \$5.
- Mme. Jules Calot.** Midseason. Large; compact; lilac white with carmine flecks in center; dwarf. 2-yr. \$2.50.
- Mme. Jules Elie.** Midseason. Medium size, globular crown; guards violet-rose, collar cream-white, center flecked crimson; fragrant; habit medium. 2-yr. \$1.50; 4-yr. \$5.
- Mme. Jules Dessert.** Large flower of beautiful form and exquisite coloring. White, shaded flesh and straw-yellow, showing golden stamens. Strong division \$8.
- Mme. Lebon.** Late. Very large, compact blooms, varying in color from aniline-red to cherry-pink; fragrant. 2-yr. 75 cts.
- Mme. Lemoinier.** Late midseason. Pale lilac-rose, fading to lilac-white, center flecked crimson; large; fragrant. 2-yr. \$2; 4-yr. \$6.
- Mme. Moutot.** Midseason. Tyrian-rose blooms of medium size, slightly silver-tipped; fragrant. 2-yr. \$1; 4-yr. \$4.



Red Peony, Lord Kitchener; Pink Peony, Edulis Superba



## PEONIES, continued

**Mme. Muysart.** Late. Very large, very compact, flat rose type. Uniform solferino-red, tipped silver, fragrant, free bloomer. 2-yr. \$1.

**Modele de Perfection.** Late. Large, compact blooms of light violet-rose, with high, wide center petals of darker color; fragrant. 2-yr. \$1.

**Modeste Guerin.** Midseason. A lovely pink of large size; compact; fragrant. 2-yr. \$1; 4-yr. \$4.

**Mons. Dupont.** Midseason. Very attractive milk-white variety with center splashed crimson, and showing stamens; large; fragrant. 2-yr. \$1.50; 4-yr. \$5.

**Mons. Jules Elie.** Early. Very large, rather compact flowers of pale lilac-rose with lighter collar which is shaded amber-yellow at the base; fragrant. 2-yr. \$2.

**Mons. Krelage.** Late. Dark pink, with silver tips; large, compact; slightly fragrant. 2-yr. \$1.

**Mons. Martin Cahuzac.** Early midseason. Medium sized, globular, semi-rose type. Very dark purple-garnet with black reflex. The darkest of all Peonies. Strong division \$5.

**Ne Plus Ultra.** Early midseason. The uniform pure mauve petals are loosely arranged and form a medium-sized flat bloom of great beauty; silver-tipped; fragrant. 2-yr. 50 cts.

**Octavie Demay.** Early. Pale hydrangea-pink, collar almost white; very large, flat; fragrant. 2-yr. \$1.50.

**Paul Verdier.** Midseason. Carmine-rose flowers of large size. 2-yr. 50 cts.

**Philomele.** Midseason. Medium size, low, flat crown; guard bright violet-rose, anemone center of ligulated narrow, amber-yellow petals, changing to cream; as the flower develops, there appears a crown of bright rose, edged dark crimson; fragrant; very strong, upright grower; free bloomer. Distinct and novel. 2-yr. \$1; 4-yr. \$4.

**Pierre Dessert.** Early. Large, rather compact, crimson-purple flowers with silvery tips. One of the earliest dark reds. 2-yr. \$1.

**Pierre Duchartre.** Large, compact, rose type; delicate flesh-pink; fragrant. Free blooming, strong. Late. 2-yr. \$2.

**Pierre Reignoux.** Early. Large, medium flat, semi-rose type. Uniform, light Tyrian rose, center slightly flecked crimson; petals imbricated. Dwarf; medium erect. 2-yr. \$2.50.

**President Roosevelt.** Midseason. Color a deep rich carmine-red. 2-yr. \$1.50; 4-yr. \$5.

**Prince Imperial.** Late midseason. A very large-flowered variety; amaranth-red. 2-yr. \$1; 4-yr. \$4.

**Princess Mathilde.** Large, full bloom; flesh pink, darker center. 2-yr. \$1; 4-yr. \$4.

**Pulcherima.** Large, imbricated pink flower with salmon center. 2-yr. 50 cts.

**Raphael.** Early. An extra early, dark, purple-garnet variety, with guards streaked lighter; medium size; globular. A valuable Peony. 2-yr. \$1.50.

**Reine des Francais.** Fleshy pink guards, center white, shaded yellow. A very attractive variety and one that is largely planted. 2-yr. \$1.50; 4-yr. \$5.

**Richardson Rubra Superba.** Very late. Large, compact, informal rose type; deep rose-carmine or crimson; fragrant; medium grower and bloomer. Considered the best very late crimson. 2-yr. \$1.50; 4-yr. \$5.

**Rose d'Amour.** Early midseason. Large, rather compact flowers of hydrangea-pink; fragrant. 2-yr. \$1; 4-yr. \$4.

**Rubra Triumphans.** Early midseason. Very dark crimson; large, loose, globular. 2-yr. 50 cts.

**Sarah Bernhardt.** Late. Flat, compact, semi-rose type. Uniform mauve-rose, silver tip. Erect, tall, free. 2-yr. \$5.

**Simonne Chevalier.** Early. Large, medium, compact crown. Pale lilac-rose, slight collar cream-white. 2-yr. \$2.

**Solange.** Late. Unusually large, full, compact, globular crown type. Outer petals very delicate lilac-white, deepening toward the center, with salmon shading. Very strong, erect, tall grower. Strong division \$10.

**Solfatare.** Midseason. Large, rather compact, milk-white blooms with sulphur collar, fading to sulphur-white; fragrant; very fine. 2-yr. 75 cts.; 4-yr. \$3.

**Souvenir de Gaspard Calot.** Late. A uniform, pale lilac-rose of large size; fragrant; rose type. 2-yr. \$1.

**Souv. de l'Exposition du Mans.** Midseason. Very large, loose, semi-rose type. Reddish-violet, with silvery reflex. Strong, vigorous, medium bloomer. 2-yr. 50 cts.; 4-yr. \$2.

**Souvenir de l'Exposition Universelle.** Late midseason. Violet-rose, silvery reflex, tipped silver; very large; fragrant. 2-yr. \$1; 4-yr. \$4.

**Souvenir du Dr. Bretonneau.** Midseason. Dark Tyrian-rose petals arranged loosely in medium-sized heads. 2-yr. \$1.50; 4-yr. \$5.

**Strasbourg.** Deep pink flowers. Early. Strong division \$5.

**Suzanne Dessert.** Midseason. Very large, compact, globular, semi-rose type. Pure mauve, center splashed crimson. 2-yr. \$1.50.

**Therese.** Midseason. Very large, medium compact, rose type, developing later a high crown. Violet-rose, changing to lilac-white in the center. Strong division \$7.50.

**Tourangelle.** Delicate rose color with salmon tints. Extra. One of the finest and most desirable. Midseason. Strong division \$7.50.

**Triomphe de l'Exposition de Lille.** Midseason. Very large, compact, pale hydrangea-pink flowers, minutely splashed violet-rose, guard petals fading to nearly white; fragrant. 2-yr. 75 cts.; 4-yr. \$2.

**Triomphe du Nord.** Midseason. Large, full bloom; purplish pink shaded fleshy pink. 2-yr. 50 cts.

**Umbellata rosea.** Early. Large, violet-rose, shading to an amber-white center; strong grower; free bloomer. 2-yr. \$1; 4-yr. \$4.

**Venus.** Midseason. Very large, high, compact crown. Pale hydrangea-pink, collar lighter. Fragrant. 2-yr. \$2.

**Victor Hugo.** Late. Brilliant carmine-red. A good variety that has long been a favorite. 2-yr. \$1.50; 4-yr. \$5.

**Victor Lemoine.** Early midseason. Medium-sized, globular, semi-rose type. Very dark crimson guards, prominently streaked, light center, flecked light green. 2-yr. 50 cts.

**Ville de Nancy.** Late. Large, rather compact flowers of carmine-rose, with silvery reflex. 2-yr. \$1.

**Virginie.** Midseason. Lilac-rose, lighter collar; large, fragrant. 2-yr. \$1.

**Walter Faxon.** Midseason. Bright rose, deepening toward the center; medium size; globular. A very distinct and beautiful color. Strong division \$7.50.

**Zoe Calot.** Midseason. Violet-rose blooms of medium size and compact, flat bomb type; fragrant. 2-yr. \$1; 4-yr. \$4.

### Pæonia Chinensis

For those who do not care for a particular selection of named varieties, we offer a wonderful collection of Peonies, our selection of named varieties, at these much reduced prices: 50 cts. each, \$4.50 for 10, \$40 per 100.

Please read our Business Terms and Suggestions on second cover page





## Japanese and Single Peonies

- Areos.** Single, bright pink, fading to white. 2-yr. \$1.  
**Avant Garde.** Single, medium-sized flower of beautiful pale rose-pink, with golden tints and golden stamens. Strong grower. Early May flowering. Strong division \$5.  
**Clothes.** Single rose. 2-yr. \$2.50.  
**Medon.** Single. Flesh-pink, changing to white. 2-yr. \$2.  
**Prince Alexander.** Midseason. Single red. 2-yr. \$1.  
**Rubens.** Very dark red with yellow stamens. Very good where a dark variety is desired for contrast. 2-yr. \$1.  
**Whitley Major.** Very early, single, pure white with golden center. Foliage heavy and dark green. A most desirable variety. 2-yr. \$1.50.  
**Wiesbaden.** A fine mixture of white, flesh, and clear pink with golden stamens. Two rows of petals. Strong division \$5.  
**No. 28 (Japanese).** Single, bluish-white, yellow center; anemone-shaped. \$1 each.  
**No. 44 (Japanese).** Single pink. \$1 each.  
**No. 50 (Japanese).** Single white, striped carmine. \$1 each.  
**No. 83 (Japanese).** Single white. \$1 each.  
**No. 85 (Japanese).** Single bluish-pink. \$1 each.

## Pæonia Officialis

- Mutabilis** (Rosea pallida plena). Large, full bloom; pretty bud, glossy, soft pink, opening to pure white. 2-yr. \$1.50.  
**Roseo-plena.** Large, double, pink flowers. The earliest pink one to bloom. 2-yr. \$2.50.  
**Rubro-plena.** Rich, dark crimson. The darkest variety ever introduced. Strong, flowering roots. 2-yr. \$1.50.  
 We have based our prices according to the value of each variety. A two- and four-year-old plant has been growing in the field two and four years since having been divided.  
 We allow 10 per cent discount for orders for 10 or more of one variety.



Tree Peonies

## Pæonia Suffruticosa (Arborea)

### TREE PEONY

The Tree Peony is really one of the finest plants available for the garden or the conservatory. It is quite hardy, and does well under the simplest treatment. It flourishes in the most astonishing manner, bearing blossoms from 6 to 8 inches across, which will increase every year in beauty and size. They are a grand addition to the garden, as they do not die down to the ground like the herbaceous sorts, but make fine bushes 3 to 4 feet in height, being covered in the spring with elegant flowers.

Two-year-old, \$2.50 each, \$22 for 10

## Papaver • Poppy

The perennial Poppies rank among the most popular flowers in cultivation. For this reason, they should be used more freely in perennial borders, closely surrounded by other perennial plants, or planted in solid beds of mixed annuals, since the foliage of Poppies dies down after the flowering season.

The flowers are brightly colored, cup-shaped, and borne on long, graceful swaying stems. Oriental Poppies, of which varieties are offered below, produce the largest flowers in the family. We have grown these in pots to enable our customers to plant them in spring or early fall.

They are perfectly hardy if protected in severe winters with a light covering of leaves.

- \***Nudicaule.** Iceland Poppy. A beautiful class of hardy Poppies, bearing cup-shaped flowers, ranging in color from pure white, yellow and orange-scarlet. Borne on long stems. 1 ft. May-Aug.
- \***Oriental.** Oriental Poppy. Deep scarlet, purple center.
- \***Atrosanguinea maxima.** Large dark red.
- \***Brightness.** This splendid variety has bright orange-scarlet flowers.
- \***Cerise Dwarf.** New. Beautiful cerise color, very free-flowering producing from 4 to 7 flowers at the same time. Strong stems about 9 inches high. Very useful in mass effects. When planted in March it will produce flowers the whole season.
- \***Goliath.** One of the most effective; dark crimson. 30 cts. each, \$2 for 10, \$18 per 100.
- \***Mahogany.** Deep mahogany-black. The darkest variety in cultivation.
- \***Mrs. J. Harkness.** Brighter salmon-pink than Victoria Louise. 50 cts. each.
- \***Mrs. Perry.** Improved Marie Louise. 30 cts. each, \$2 for 10, \$18 per 100.
- \***Oriflamme.** Orange-scarlet-red flowers of immense size. 30 cts. each, \$2 for 10, \$18 per 100.
- \***Perry's White.** Purest white. 50 cts. each.
- \***Prince of Orange.** Bright orange-scarlet, borne on long, stiff stems.
- \***Princess Victoria Louise.** Soft salmon-rose shading to blush-rose.

COLLECTION of 12 varieties, our selection, \$2.50

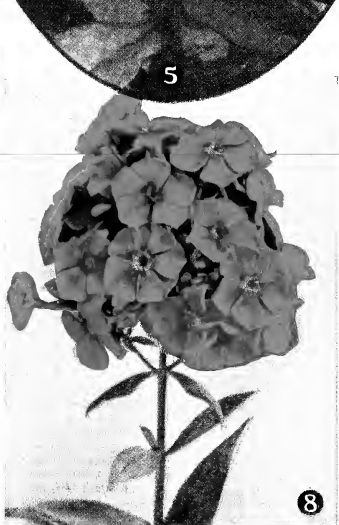
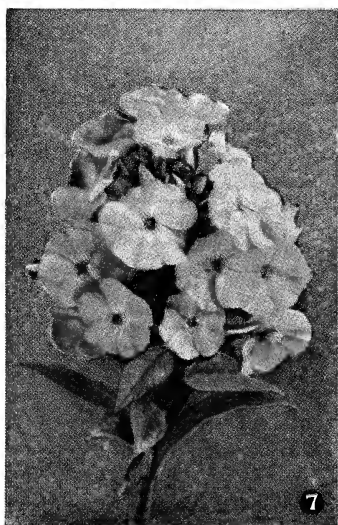
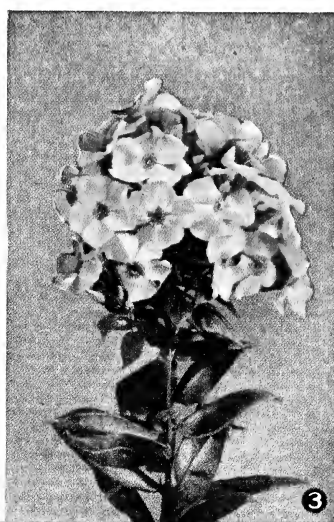
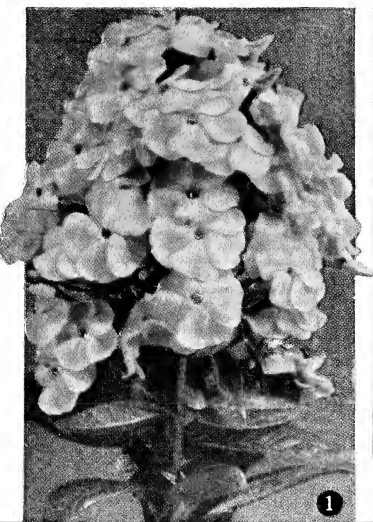
**PACHYSANDRA termina'is.** One of the most valuable evergreen shrubs for dense shade. Has low habit, sometimes even trailing. Fine, glossy, light green leaves in abundance. Greenish white flowers in May or June, arranged in spikes. 6 to 9 in. 25 cts. each, \$2 for 10, \$15 per 100, \$120 per 1,000.

**PARDANTHUS chinensis.** Blackberry Lily. Orange-colored flowers, spotted with purple-brown, 2 inches across; seed resembles blackberries. A very showy perennial and well adapted for border planting. 3 ft. July, Aug.

**PARADISEA.** See *Anthericum liliastrum major*.

**PENTSTEMON barbatus Torreyi.** Beard Tongue. Tall spikes of brilliant scarlet flowers. A most charming and effective border plant. 4 ft. June-Aug.

—**digitalis.** Long purple-white spikes, with purple throats. 2 to 3 ft. June, July. 30 cts. each, \$2 for 10, \$18 per 100.

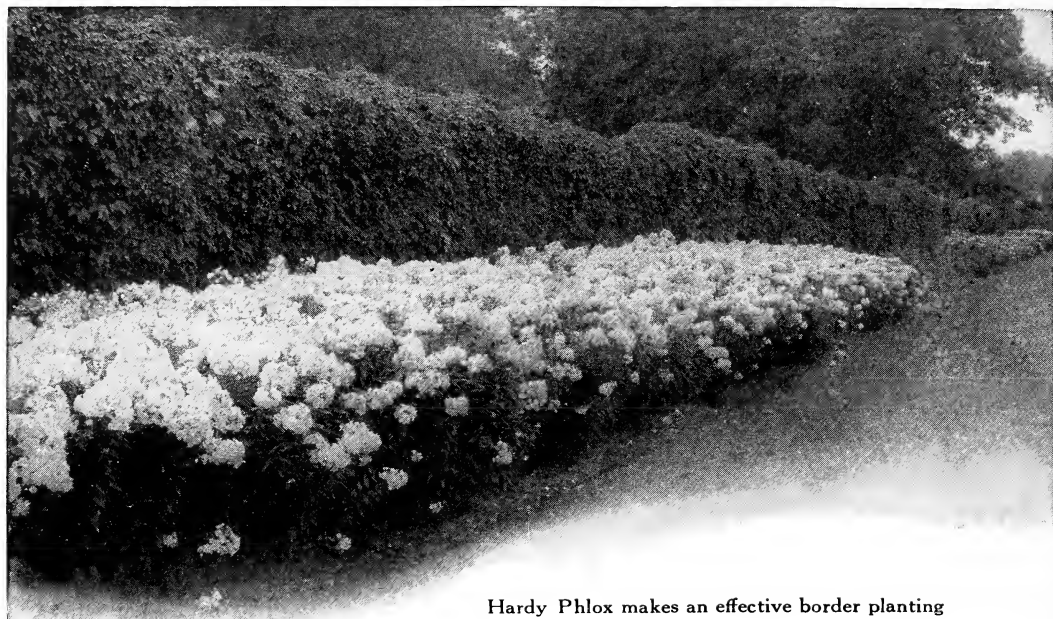


HARDY PHLOX. See page 40

1 Baron von Dedem  
4 Thor  
7 Jules Sandeau

2 Commander-in-Chief  
5 Fiancee  
8 Homeland

3 Baron van Heeckeren  
6 Wanadis  
9 Mrs. Milly van Hoboken



Hardy Phlox makes an effective border planting

## Phlox Decussata

Phlox are among the very showiest and most valuable of all hardy plants. They deserve a prominent position in every garden of hardy flowers, since they thrive in most soils; however, a rich loam is most desirable. When this does not exist, the flower-bed should be deeply spaded and manured previous to planting. By growing a complete collection of Phlox—do not plant less than five of each variety, otherwise the effective coloring of mass planting will be lost—a continuity of bloom can be had from early June until late fall. 2 to 3 ft.

*All Phlox Decussata, except where noted, 25 cts. each, \$2 for 10, \$15 per 100*

- Albion.** Pure white with a faint red eye.
- America.** Large, brilliant salmon-pink flowers with carmine-red eye.
- Antonin Mercie.** Very large lilac flower with pure white center.
- Baron van Heeckeren.** New. Excellent salmon-pink flowers. 50c. each, \$4.50 for 10. Illustrated on p. 39.
- Baron von Dedem.** Large trusses and scarlet-blood-red flowers. Illustrated on page 39.
- B. Comte.** Rich satiny, amaranth flowers. 35 cts. each, \$3 for 10.
- Beacon.** Brilliant cherry-red.
- Bridesmaid.** Tall white flowers with large rose-crimson center.
- Champs Elysees.** Dark purple; large trusses.
- Comet.** Cerise-pink, with white shaded center; dwarf habit.
- Commander-in-Chief (Hindenberg).** New. Crimson-red with darker eye. 50 cts. each, \$4.50 for 10. Illustrated on page 39.
- Eclairer.** Carmine-violet-red, with pink center.
- Electra.** New. Very large distinct claret-red flowers. The only Phlox known in this rich red color. 50 cts. each, \$4.50 for 10.
- Elizabeth Campbell.** Very large spikes with flowers of distinct light salmon, changing to pink in center. 35 cts. each, \$3 for 10.
- Europa.** Snow-white with carmine-red band. Very large, compact trusses.
- Evelyn.** New. Immense flowers of rich salmon-rose. 50 cts. each, \$4.50 for 10.
- Fiancee.** Pure white. One of the best. Very strong grower. Illustrated on page 39.
- Fire Glow.** Brilliant orange-scarlet, with darker center. Large trusses; strong habit. 50 cts. each, \$4.50 for 10.
- G. A. Strohein.** Orange-scarlet-red with bright carmine eye. 35 cts. each, \$3 for 10.
- Gen. Van Heutz.** Bright salmon-red, white center.
- Goliath.** Bright carmine flowers with darker eye; extra-large trusses. Tall growing.
- Graf Zeppelin.** In every respect a very good improvement of Europa. 50 cts. each, \$4.50 for 10.
- Gruppenkonigin.** Soft flesh-rose with carmine center.
- Helene Vacaresco.** Globular panicles of large, pure white flowers with sulphur eye. Dwarf.
- Henri Murger.** Pure white, with deep rose center.
- Homeland (Deutschland).** Large trusses of brilliant dark orange-red flowers. 50 cts. each, \$4.50 for 10. Illustrated on page 39.
- Imperator.** Brilliant, dark carmine-red flowers with darker eye. 50 cts. each, \$4.50 for 10.
- Jules Sandeau.** Very large flowers of pure pink. Dwarf habit. Illustrated on page 39.
- La Vague.** Pure mauve-pink with red eye.
- Louise Abbema.** Large, pure white flowers. Very dwarf.
- Marie's Jacob.** New. Pale lilac with white star center. Enormous broad trusses of large flowers. 50 cts. each, \$4.50 for 10.
- Mia Ruys.** New. Enormous, much-branched trusses of large, pure white flowers. Very free-flowering. Very dwarf. 50 cts. each, \$4.50 for 10.
- Mrs. Ethel Prichard.** New. Flowers of a shade of pale clear rose-mauve. Grows about 3 feet high. Large trusses. 50 cts. each, \$4.50 for 10.
- Mrs. Jenkins.** Pure white; very early.
- Mrs. Milly van Hoboken.** New. Soft pink, without eye. Large flowers on long, erect spike. 50 cts. each, \$4.50 for 10. Illustrated on page 39.
- Mrs. Rutgers.** New. Very light rosy lilac with slightly darker eye. Broad truss. 35 cts. each, \$3 for 10.
- Mrs. Scholten.** New. Dark salmon-pink flowers in enormous pyramidal spikes. 50 cts. each, \$4.50 for 10.
- Pantheon.** Clear deep pink, with faint center.
- President Lincoln.** Cerise-pink; medium height.



## PHLOX DECUSSATA, continued

- Professor Schliemann.** Bright lilac-rose. Late.  
**Rheinlander.** Soft salmon-pink, deep red eye.  
**Rosenburg.** Carmine-white with dark red eye.  
**R. P. Struthers.** Brilliant rosy red, crimson center.  
**Rynstroom.** Deep pink.  
**September Glow.** New. Coral-red, shaded salmon, with dark foliage. 50 cts. each, \$4.50 for 10.  
**Tapis Blanc.** Undoubtedly the finest of all dwarf white Phlox; flowers snow-white; of enormous size. 35 cts. each, \$3 for 10.  
**Terre Neuve.** Grayish lilac, violet center.  
**Thor.** Rich salmon-pink with deep crimson eye. 35 cts. each, \$3 for 10.  
**Vald Jensen.** New. Salmon-red flowers with white eye. 50 cts. each, \$4.50 for 10.  
**Viking.** New. Salmon-pink. 50 cts. each, \$4.50 for 10.  
**Wala.** New. Pure white. 50 cts. each, \$4.50 for 10.  
**Wanadis.** White and light violet with purple eye; very large clusters.  
**W. C. Egan.** Soft shade of lilac with a bright red eye.  
**William Ramsey.** Dark purple. Very effective.

COLLECTION of 12 named varieties, our choice, \$2  
 COLLECTION of 25 named varieties, our choice, \$4

## Phlox Arendsii Hybrids

New. Originated by successfully crossing the early *Phlox canadensis* with the showy *P. decussata*. Flowers from the latter part of May to July.

All *Arendsii* Hybrid Phloxes, 35 cts. each, \$3 for 10

- Helene.** Light lilac flowers.  
**Louise.** Light lilac with a carmine eye.

**PHLOX amœna.** Bright pink flowers in dense heads. 4 to 6 in. April, May.

- \***divaricata (canadensis).** Large, fragrant lavender flowers. 10 in. May. 35 cts. each, \$3 for 10.
- \***divaricata alba (canadensis alba).** White. 10 in. May. 35 cts. each, \$3 for 10.
- \***divaricata Laphamii, Perry's Variety.** A very beautiful and improved form, producing large, lilac-blue flowers; a splendid plant for the rockery or border; 1 ft. 50 cts. each, \$4.50 for 10.
- \***ovata (carolina).** Bright rosy red flowers. 1 to 1½ ft. June, July.
- \***pilosa splendens.** A new spring-flowering Phlox that produces great masses of lilac-rose flowers; 1 ft. May.
  - subulata.** Moss Pink. Low-spreading stems and narrow, moss-like leaves; flowers in wonderful profusion. 3 to 6 in. April, May.
  - subulata alba.** Flowers large; white.
  - subulata atropurpurea.** Purplish rose.
  - subulata lilacina.** Light blue.
- \***subulata Moerheimii.** New. Beautiful carmine-pink color. Compact grower, forming dwarf bushes with erect flower-stems. 50 cts. each, \$4.50 for 10.
- subulata Nelsoni.** Small white flowers.
- \***subulata, Newery Seedling.** Pale mauve, star-like flowers. 35 cts. each, \$3 for 10.
- subulata rosea.** Rose. 3 to 6 in. April, May.
- \***subulata, Sensation.** 3 to 6 in. April, May.
- subulata, The Bride.** White with red center.
- \***subulata, Vivid.** Brightest of all. 50 cts. each, \$4.50 for 10.
- suffruticosa, Magnificence.** Brilliant purple-carmine.
- suffruticosa, Miss Lingard.** Flowers pure white with pale pink center; flower truss is very large and long, often being 1½ ft.

**PHYSALIS Franchetii.** Chinese Lantern Plant. Enormous orange-colored fruits. 2 ft. April, May.

**PHYSOSTEGIA virginiana.** False Dragonhead. Strong spikes of delicate pink flowers. 2 to 3 ft. June, July.

—**virginiana alba.** Pure white. 2 to 3 ft. June, July. 25 cts. each, \$2 for 10, \$15 per 100.

—**virginiana grandiflora.** A fine improvement on the previous variety. Fine flowering. 10 to 12 in. Aug., Sept. 35 cts. each, \$3 for 10.

**PLATYCODON.** Choice, free-flowering perennials of dense habit that keep up their fine display practically all summer. The balloon-shaped buds are interesting and almost as attractive as the star-shaped flowers. Considered to be one of the most beautiful plants of the hardy garden.

All *Platycodons*, 25 cts. each, \$2 for 10, \$15 per 100

—**grandiflorum.** Balloon Flower. An oldtime favorite, forming a dense branching plant of upright habit; flowers 3 inches across, blue or bluish white, produced at the tip of each branchlet. 1 to 2 ft. June, July.

—**grandiflorum album.** A white-flowered form of the above.

—**grandiflorum Mariesi.** Deep blue flowers with erect stems. Dwarf habit. An excellent plant for the border or rockery. 1 ft. June, July.

\***PLUMBAGO larpentæ.** Blue Leadwort. Dwarf; spreading; deep blue flowers. 6 to 12 in. Aug., Sept. 25 cts. each, \$2 for 10, \$15 per 100.

**PLUMUS tuberosa.** Violet-rose. 6 to 7 ft. June, July.

**PODOPHYLLUM peltatum.** May Apple; Wild Mandrake. White flowers in spring, followed by yellow fruit.

**POLEMONIUM humile (Richardsonii).** Jacob's Ladder. Finely cut, deep green foliage and sky-blue flowers. 1 to 1½ ft. June, July.

—**humile album.** Pure white flowers; one of the best. 1 to 1½ ft. June, July.

\***reptans.** Greek Valerian. Dwarf, compact-growing perennial, with interesting lance-oblong leaves and loose panicle-like clusters of light blue flowers terminating the stems. 8 to 12 in. April, May.

Rock-Garden Plants are one of our specialties. Ask for our Rock-Garden pamphlet



*Platycodon grandiflorum*

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100





Double Pyrethrum

**POLYGONATUM multiflorum.** Solomon's Seal. Arching sprays of greenish white flowers; useful for cutting. 2 ft. May, June.

**POLYGONUM Sieboldii.** A strong-growing plant; stems curving gracefully outward. Produces creamy white flowers; very effective for massing. 3 to 5 ft. Aug., Sept.

**POTENTILLA HYBRIDS.** Cinquefoil. 1 to 2 ft. June-Sept.

- , **Beelzebub.** Dark red.
- , **Carnival.** Orange-red, tinged yellow.
- , **Duchesse.** Dark red, overlaid bronze.
- , **Fairy Queen.** Clear yellow. 35 cts. each, \$3 for 10.
- , **formosa.** Single; rosy red.
- , **imbricata.** Bright red, suffused yellow.
- , **L'Archeron.**
- , **Monsieur Rouillard.** Crimson, edged yellow.
- , **Panorama.** Orange, purple striped. 35 cts. each, \$3 for 10.
- , **purpurea plena.** Purplish carmine.
- , **Toussaint l'Ouverture.** Purplish carmine.
- , **virabilis plena.** Scarlet-red edged yellow. 35 cts. each, \$3 for 10.
- , **Vase d'Or.** Canary-yellow.

All 50 cts. each, \$4.50 for 10, except where noted  
COLLECTION of 12, \$3

\***PRIMULA acaulis (vulgaris).** Common English Primrose. One of the earliest spring flowers; bright lemon-yellow and fragrant. 6 to 9 in. April, May.

\***japonica.** Whorls of large purple-crimson flowers in June. 9 in.

\***Primula veris superba.** A large-flowering strain; our showiest hardy Primrose. Flowers are bright canary-yellow with a golden center. 6 to 9 in. April, May.

\***PRUNELLA grandiflora.** Large Self-Heal. Purple flowers in dense, short spikes. 1 ft. June, July.

**PULMONARIA angustifolia azurea.** Lungwort. This is the prettiest Lungwort, with attractive, funnel-shaped, deep gentian-blue flowers that supply that touch of blue so much needed in the flower-garden and which is so rare in perennials. 1 ft. April, May.

\***saccharata.** Bethlehem Sage. Useful for shady or sunny positions, rockery or border; foliage handsomely blotched and speckled white; flowers pink, changing to blue. 1 to 1½ ft. May, June. 50 cts. each, \$4.50 for 10.

**PYRETHRUM.** The Pyrethrums are so closely related to the hardy chrysanthemums that they are frequently called "spring-flowering chrysanthemums." They are extremely popular in Europe, where the hybrid varieties run into the hundreds, and they are gaining new admirers in this country each season. For cut-flower decoration they are very desirable, lasting longer in water than most other flowers. The colors range from snow-white to the darkest crimson.

Except where noted, \$1 each, \$9 for 10

—Single.

\***Cactus.** Deep rose flowers resembling a cactus dahlia, with the petals quilled and cut.

—Double.

\***Dainty.** Semi-double; deep rose; petals deeply cut.

—**Non Plus Ultra.** Large; pale flesh-pink.

—**Purity.** The finest pure white.

\***Rosy Morn.** Flowers semi-double, light pink.

\***Sylvia.** Soft rose.

This COLLECTION of 6 varieties, \$5

—**roseum (Chrysanthemum coccineum).** These plants include all colors from deep red to various shades of rose to pure white. 2½ ft. May, June.

—**uliginosum.** Giant Daisy. A fine plant for the border, producing masses of white flowers, carried on long, erect stems. Good for cutting. 4 to 5 ft. Aug., Sept.

**RUDBECKIA laciniata, Golden Glow.** Coneflower. A magnificent and stately border plant, with masses of double, golden yellow flowers. 6 to 8 ft. Aug., Sept.

All Rudbeckias, 25 cts. each, \$2 for 10, \$15 per 100

—**maxima.** One of the most distinct of autumn plants; has immense, grayish green leaves and bright yellow flowers on long stems, 4 to 6 inches across. 6 to 8 ft. June-Sept.

—**purpurea.** Purple Coneflower. Fine purple-red petals; cone-shaped center. 3 to 4 ft. July-Oct.

—**speciosa (Newmanii).** Dark orange-yellow flowers; fine for cutting. 2 ft. June-Oct.

—**subtomentosa.** Densely branched masses of brilliant lemon-yellow flowers with dark purple centers. 4 to 5 ft. July-Oct.

Entire COLLECTION of above Rudbeckias, \$1

**SALVIA azurea grandiflora.** A Rocky Mountain species, with pretty sky-blue flowers. 3 to 4 ft. Aug., Sept.

—**Greggii.** Masses of rich, luminous, brilliant carmine flowers. 2 ft. July-Oct.

\***pratensis.** Deep blue flowers. 2 ft. June, July.

\***nemorosa (virgata nemorosa).** An effective border plant, with dark blue flowers. 2 ft. May, June. 35 cts. each, \$3 for 10.

All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100





**SANGUINARIA canadensis.** Bloodroot. Very pretty white flowers in early spring, followed by large, heart-shaped leaves. Does well in shady spots. 6 in. April, May.

\***SAPONARIA ocymoides.** Rock Soapwort. A rock plant, with bright crimson flowers. 1 ft. May-July. 25 cts. each, \$2 for 10, \$15 per 100.

—**officinalis flore-pleno.** Double Bouncing Bet. Double pink-and-white flowers. 1½ ft. June-Aug. 25 cts. each, \$2 for 10, \$15 per 100.

\***SANTOLINA Chamæcyparissus incana (incana).** Lavender Cotton. A dwarf evergreen perennial, with silvery white foliage; fine plant for the rockery. 1½ ft. 25 cts. each, \$2 for 10, \$15 per 100.

\***SATUREIA.** See *Calamintha*.

**SAXIFRAGA (Megasea).** These are handsome foliage plants, with large, leathery, heart-shaped leaves.

—**crassifolia (M. crassifolia).** Flowers in pink panicles; large, waxy leaves; useful for rockeries. 1 ft. April, May.

\*—**Pedimontana.** Dwarf compact grower with white flowers. 6 to 8 in. July.

35 cts. each, \$3 for 10

**SCABIOSA caucasica.** Pin-Cushion Flower. Handsome, hardy plant, and one which should be grown by everyone; beautiful, soft lilac flowers; vigorous grower. 2 ft. June-Aug. 50 cts. each, \$4.50 for 10.

—**caucasica alba.** Very rare; pure white. 2 to 3 ft. June-Aug. 50 cts. each, \$4.50 for 10.

—**japonica.** A variety from Japan, with clear blue flowers, 1 to 1½ inches in diameter. 2 to 3 ft. June-Sept. 25 cts. each, \$2 for 10, \$15 per 100.

—**ochroleuca.** Sulphur-yellow flowers on long stems. 2 to 3 ft. June-Sept. 25 cts. each, \$2 for 10, \$15 per 100.

\***SCUTELLARIA baicalensis cœlestina (cœlestina).** An Alpine plant, with light blue flowers. 9 to 12 in. July, Aug.

\***SEDUM acre.** Golden Moss; Stonecrop. Useful plant for rockeries and for edging borders. Flowers bright yellow. 2 to 3 in. May-July.

—**Aizoon.** Clear yellow flowers. 1 ft. July, Aug.

\*—**album.** Foliage green; flowers white. 2 to 3 in. May-July.

\*—**cuprium.** Foliage narrow; flowers yellow. May-July.

\*—**dasyphyllum.** A dwarf compact variety. May-July. 35 cts. each, \$3 for 10.

\*—**kamtschaticum.** A compact grower; star-shaped, golden yellow flowers. 8 in. July, Aug.

—**maximum.** Salmon-pink flowers. Purplish foliage. 1 ft. Aug., Sept.

—**maximum atropurpureum.** Very handsome on account of its dark purple leaves; flowers pink. 1½ ft. Sept., Oct.

—**maximum variegatum.** Pink flowers. Green and gold foliage. 1½ ft. Aug., Sept.

\*—**Middendorffianum.** Foliage narrow; flowers yellow. 6 in. July. 35 cts. each, \$3 for 10.

\*—**sarmentosum.** A rapid-growing, spreading Sedum. 6 in. May-July.

\*—**sexangulare.** Leaves dark green and compact; flowers yellow. 4 in. June, July.

\*—**Sieboldii.** Foliage changing from blue and cream to coral-rose; flowers rose-pink; charming. 9 in. Aug., Sept.

—**spectabile.** Stonecrop. Large heads of pink flowers. A fine border plant and one of the best for foliage or flower effects. 1½ ft. Aug., Sept.

—**spectabile atropurpureum.** A deep rosy crimson variety of the above.

\*—**Stahlii.** A species with compact, crimson foliage in autumn.

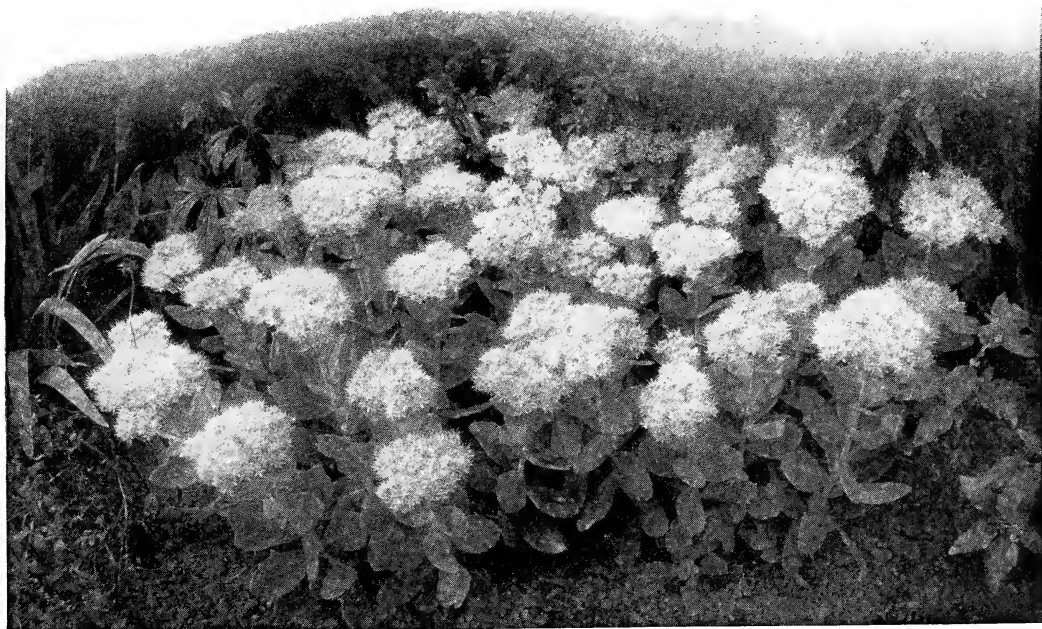
—**stoloniferum.** A flat, trailing variety, with pink flowers. 6 in. July, Aug.

—**stoloniferum coccineum (spurium coccineum).** Flowers crimson. 6 in.

—**telephium atropurpureum.** Bold bronze foliage; immense umbels of buff-colored flowers. 1½ ft. Aug., Sept.

All Sedums, except where noted, 25 cts. each, \$2 for 10, \$15 per 100

COLLECTION of 12 varieties of Sedum, our choice, \$2



Sedum spectabile



**SEMPERVIVUM.** Houseleek. Evergreen succulents with some resemblance to the Sedums, but they increase by rosettes sent out by the parent plant. The leaves are often bright-colored at their tips; flowers are large, in showy clusters.

- Albertii.** The rosettes are of medium size; flowers bright red 8 in.
- arachnoideum.** Cobweb Houseleek. Tips of leaves in rosettes usually connected by silvery threads, from whence its common name; flowers bright red, in a few flowered panicle. 6 in.
- californicum.** Rosettes about 2 inches in diameter. Leaves glaucous, with distinct red-brown tip. Flowers numerous, pale red, in a panicle. Flower-stems less than 1 foot high.
- fimbriatum.** Leaves tipped with a tuft of hairs; flowers bright red, in an open panicle. 6 to 10 in.
- globiferum.** Rosettes rather flattened; leaves gray-green; flowers pale yellow, densely short-hairy. 1 ft.
- Pittonii.** Rosettes 1 to 1½ inches in diameter; always open. Leaves red-blotched and purple-tipped. Flowers small and numerous; yellowish white on flower stem 4 to 6 inches high.
- tectorum.** Broad rosettes, the leaves having reddish crown tips; flowers pale red. 1 ft.

All *Sempervivums*, 20 cts. each, \$1.50 for 10, \$12 per 100

**SENECIO pulcher.** Striking, erect habit; large, red-purple flowers with yellow disk, in summer. 2 to 4 ft.

\***SHORTIA galacifolia.** Flowers white, 1 inch across; evergreen bronze-green foliage. Shady places. 6 to 9 in. May, June. 35 cts. each, \$3 for 10.

**SIDALCEA malvæflora Listeri.** Pink Beauty. Flowers a delicate pink, beautifully fringed; spikes tall and graceful. 3 ft. June, July.

- , **Rose Queen.** Beautiful rose-pink flowers; very distinct. 2 to 3 ft. July-Aug.
- , **Rosy Gem.** Very free-flowering; spikes of soft pink color. 1½ ft. July.

**SILPHIUM perfoliatum.** Cup Plant. This is a most wonderful plant; has beautiful yellow flowers and elegant foliage. 6 to 8 ft. July-Sept.

\***SILENE alpestris.** Alpine Catchfly. Forms dense masses of white flowers. 4 to 6 in. May, June.

- \*—**maritima fl.-pl.** A dwarf creeping plant. Double white flowers. 6 in. 75 cts. each, \$6.50 for 10.
- \*—**Schaffa.** Autumn Catchfly. A splendid border or rock-plant, with masses of pink flowers. 4 to 6 in. June-Sept. 25 cts. each, \$2 for 10, \$15 per 100.

**SOLIDAGO bicolor.** Silver Rod. The only species with white flowers. 1 to 3 ft. July-Sept. 25 cts. each, \$2 for 10, \$15 per 100.

- canadensis.** Goldenrod. Masses of yellow flowers. 4 to 5 ft. July-Sept.

**SPIRÆA Aruncus sylvester.** Goat's Beard. White; beautiful in foliage and flower. Very vigorous. 3 to 5 ft. June, July.

**STACHYS grandiflora superba.** Woundwort. Hardy perennial about a foot high, with spikes of large, showy flowers, intense mauve or rich purplish violet in color. 1 ft. June, July.

- grandiflora rosea.** Spikes of rosy purple flowers. 1 ft. June, July.
- lanata.** Woolly Woundwort. Purple spikes of flowers soft silvery foliage. 1½ ft. June, July.

\***STATICE latifolia** (*Limonium latifolium*). Sea Lavender. Fine panicles, covered with a profusion of small blue flowers. 2 ft. Aug., Sept. 25 cts. each, \$2 for 10, \$15 per 100.

- \*—**tatarica** (*L. tataricum*). Flowers purplish red; attractive foliage. 1 to 2 ft. Aug., Sept.

**STENANTHUM robustum.** Mountain Feather Fleece. The pure white flowers are borne on graceful compound panicles, often 2 to 3 feet long. 4 to 5 ft. July, Aug. 35 cts. each, \$3 for 10, \$25 per 100.

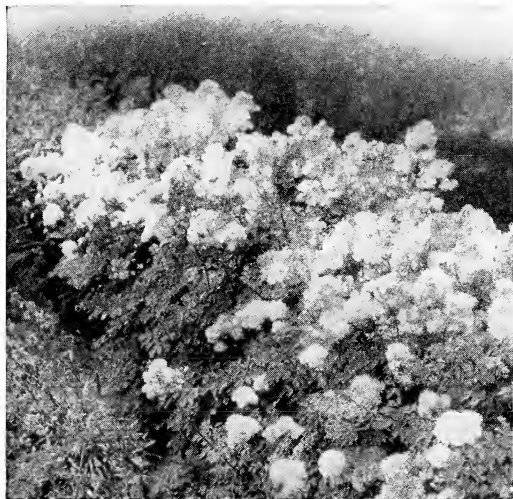
\***STOKESIA lævis cyanea.** Cornflower Aster; Stokes Aster. A handsome native plant; flowers 3 to 4 inches across, of a fine sky-blue. 2 ft. July-Oct.

- \*—**lævis alba.** A white form of the above.
- \*—**lævis rosea.** Flowers attain a diameter of 4 inches. 2 ft. 50 cts.



*Stokesia lævis cyanea*

*Stokesia lævis rosea*



*Thalictrum aquilegifolium*

**TEUCRIUM canadense.** American Germander. Dark green foliage and spikes of light purple flowers. Fine for rockeries. 1 ft. July, Aug.

**THALICTRUM adiantifolium (adiantifolium).** Leaves resemble those of the maidenhair fern; flowers yellow. 1 ft. June, July.

—**aquilegifolium.** Meadow Rue. Graceful foliage and masses of pure white flowers. 1 to 3 ft. May-July.

—**aquilegifolium purpureum.** Purple flowers. 3 ft. June.

—**aquilegifolium aurantiacum.** Golden yellow. 3 ft. June, July.

\*—**diptercarpum.** One of the handsomest Thalictrums, with graceful flowers on stems 4 feet high; rosy purple with citron-yellow anthers. 4 ft. Aug., Sept.

—**glaucum.** Greenish yellow flowers. 2 to 5 ft. June, July.

—**minus.** A dwarf variety, with greenish yellow flowers. 1 to 2 ft. June, July.

—**paniculatum.** Dwarf yellow flowers. 1 ft. June, July.

**THERMOPSIS caroliniana.** A fine plant, with clover-like foliage and long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 ft. June, July.

\***THYMUS Serpyllum.** White Mountain Thyme. Forms dense mats of dark green foliage and clouds of white flowers. Fine for rockwork. 3 to 4 in. June, July.

\*—**Serpyllum coccineus.** Dark green foliage; bright red flowers.

\*—**Serpyllum lanuginosus.** Woolly-leaved Thyme. Very effective for rockeries, quickly spreading. 5 in. June-Aug.

\*—**vulgaris.** Common Thyme. Flowers pale lilac. 2 ft. June, July.

All *Thymus*, 25 cts. each, \$2 for 10, \$15 per 100

**TRADESCANTIA virginiana.** Spiderwort. Long, grass-like leaves and blue or violet flowers. 2 ft. May-Aug.

—**virginiana alba.** White flowers. 2 ft. May-Aug.

—**coccinea.** Bright red flowers. 2 ft. May-Aug.

**TRILLIUM erectum.** Erect Purple Wood Lily. The earliest to flower. 1 ft. May. 15 cts. each, \$1.20 for 10, \$8 per 100.

—**grandiflorum.** Wake Robin. Large white flowers. 1 ft. May. 15 cts. each, \$1.20 for 10, \$8 per 100.

**TRITOMA Pfitzeri (Kniphofia grandis).** Everblooming Tritoma. The freest-flowering of all; orange-scarlet, shading to salmon-rose at the edge; invaluable for cutting. This is the true *Grandis*, the showiest of all Tritomas. The plants should be well protected in winter. 2 to 3 ft. Aug., Sept.

**TRITONIA.** See *Montbretia*.

## Trollius. Globe Flower

These beautiful hardy border plants, having handsome dark green foliage and showy yellow flowers, are well adapted for half-shady or sunny positions, flowering from May to July. They are fine for moist places and edges of water-gardens, also doing well in good garden soil which does not lack in moisture.

They are perfectly hardy if given protection during the winter with a covering of leaves.

**TROLLIUS asiaticus, Salamander.** Dark yellow. 1½ ft. April-June.

—**asiaticus, Bessie Walker.** Free-flowering; orange-yellow.

—**asiaticus, Canary Bird.** Pale yellow; robust. Fine for cut-flowers. 1½ ft. April, May.

—**asiaticus, Earliest of All.** Early and free flowering; light orange-yellow. 1½ ft. April, May.

—**asiaticus, Empire Day.** New; very early; enormous, globular; light orange-yellow flowers with orange stamens. 1½ ft. April, May.

—**europæus.** European Globe Flower. Large, lemon-colored, butter-cup-like flowers, 1 to 1½ inches across, on long stems. Should be planted in moist soil. 2 ft. May, June. 35 cts. each, \$3 for 10.



*Tritoma Pfitzeri, or Kniphofia (Red-hot Poker)*

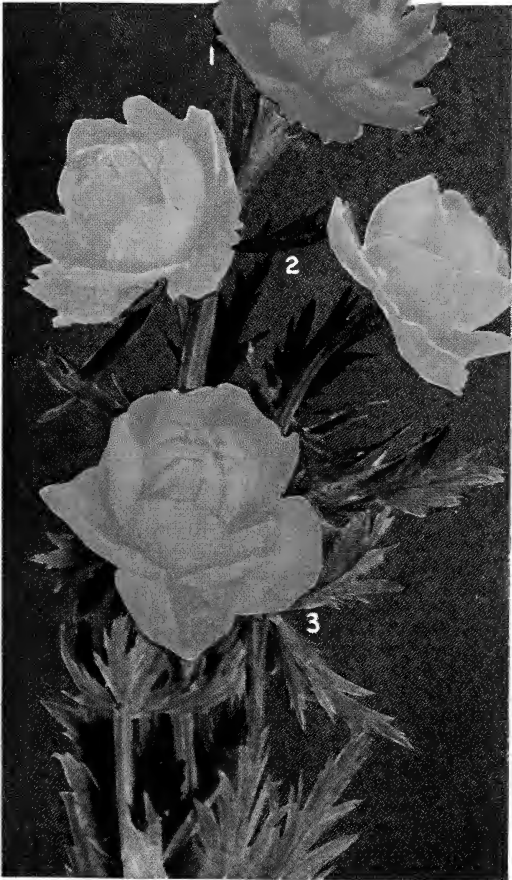
All plants on this page, except where noted, 25 cts. each, \$2 for 10, \$18 per 100



- Trollius europæus superbus.** Large pure yellow flowers. Free-flowering. 1½ ft. April-June.
- , **Excelsior.** This variety has fine orange-red flowers; strong grower. 2 ft. April-June.
  - , **giganteus.** Large, pale yellow flowers. 1½ ft. April-June.
  - , **Golden Sun.** Brilliant golden yellow. 1½ ft. April-June.
  - , **Gold Quelle.** Large Globe Flower of orange-yellow. Very showy sort. 1½ ft. April-June.
  - , **His Majesty.** Round; very large with pure orange-yellow flowers. 1 to 2 ft. May, June.
  - , **japonicus (Fortunei) fl.-pl.** Orange flowers. 1 to 2 ft. May, June.
  - , **Ledebouri.** Large, orange-yellow flowers. Blooms until end of June. 3 to 4 ft.
  - , **Lichtball.** Extra-large globe-shaped flowers of orange-yellow. Stiff stems. 20 to 24 in. May, June.
  - , **Orange Globe.** A profuse bloomer, of robust growth; large orange flowers; very fine. 2 ft. May, June.
  - , **Orange Princess.** Extra deep orange. Very free-flowering. 2 ft. May, June.

All *Trollius*, 50 cts. each, \$4.50 for 10  
COLLECTION of 12 varieties of *Trollius*, our choice, \$5

- \***TUNICA Saxifraga.** An attractive rock-plant, with rosy pink flowers; minute, dark green foliage. 6 in. July-Sept.



TROLLIUS

- 1 Orange Princess      2 Canary Bird  
3 Japonicus (Fortunei) fl.-pl.

- ULMARIA filipendula (Filipendula hexapetala).** Dropwort. Creamy white flowers. 1½ ft. May, June.
- , **filipendula fl.-pl.** Double-flowering Dropwort. A charming variety, with double white flowers and deeply cut foliage. 1½ ft. June, July.
  - , **palmata.** Crimson Meadow Sweet. The broad clusters of crimson-purple flowers are borne on erect stems. 3 ft. June, July.
  - , **venusta.** An exquisite, red-flowering species; very fragrant. 4 to 5 ft. June.

All *Ulmria*, 35 cts. each, \$3 for 10, \$18 per 100

- \***VALERIANA officinalis.** Hardy Garden Heliotrope. Fragrant, light pink flowers; foliage deeply cut. 3 to 5 ft. June, July. 25 cts. each, \$2 for 10, \$15 per 100.
- VERBASCUM A. M. Burnie.** A fine variety with large flowers.
- , **densiflorum (thapsiforme).** Large, yellow flowers. 4 to 5 ft.
  - , **Hybrid Mars.** A peculiar color of buff turning red towards center.
  - , **Leianthemum.** Light yellow flowers. High.
  - , **Libani.** Large flowers; yellow.
  - , **Miss Willmott.** Fine, large white flowers. 25 cts. each, \$2 for 10, \$18 per 100.
  - , **olypicum.** Yellow flowers. Very attractive variety. 8 ft. May, June. 25 cts. each, \$2 for 10, \$18 per 100.
  - , **vernale.** Much-branched spikes; deep clear yellow flowers.

All *Verbascums*, 35 cts. each, \$3 for 10

- VERONICA incana.** Silvery gray foliage and spikes of violet-blue flowers. 1 ft. July, Aug.
- , **longifolia subsessilis.** Blue. This is one of the most beautiful herbaceous plants, and we cannot too highly recommend it; very attractive; continues to bloom until late fall. Aug., Sept. 2 ft.
  - , **pectinata.** Long, many-flowered racemes; deep blue flowers with white center. Aug., Sept.
  - , **repens.** A trailing variety, covered with blue flowers in spring. 2 to 4 in. May.
  - , **rupestris, Heavenly Blue.** Flowers earlier than above.
  - , **rupestris, Trehani.** Brilliant blue flowers. 1 ft. May, June.
  - , **spicata.** Spikes of blue flowers. 1½ ft. June, July.
  - , **spicata alba.** A white form of the above.
  - , **spicata erica.** A heather like Speedwell with delicate pink flowers. June, July.
  - , **spicata rosea.** Bright rose.
  - , **spuria (amethystina).** Amethyst-blue flowers. 2 ft. May, June.
  - , **Teucrium.** Dwarf; spreading, of a dense growth; flowers blue. 6 to 12 in. May, June.
  - \*—, **Teucrium rupestris (rupestris).** Dwarf and spreading; deep blue flowers. 4 in. May, June.
  - \*—, **Teucrium rupestris alba.** A white form of the above.

COLLECTION of 12 varieties of *Veronica*, our choice, \$2

- VINCA minor.** Periwinkle. Evergreen trailer; fine for covering bare places. Makes a handsome plant that blooms all summer; lilac-blue flowers. April, May. 15 cts. each, \$1.20 for 10, \$10 per 100, \$80 per 1,000.
- , **minor alba.** A white form of the variety above. 35 cts. each, \$3 for 10.
  - , **argentea variegata.** Beautiful silvery variegated foliage. April, May. 35 cts. each, \$3 for 10.
- VINCETOXICUM japonicum (Cynanchum acuminatifolium).** Mosquito Plant. The clusters of white flowers secrete a juice and by this means entrap mosquitoes. 1½ ft. June.



- \***VIOLA cornuta, G. Wermig.** Large blue flowers, produced in great numbers during the entire summer. 25 cts. each, \$2 for 10, \$18 per 100.  
 — **gracilis.** Flowers violet or yellow. 1 ft. 25 cts. each, \$2 for 10, \$18 per 100.

\***VIOLA, Tufted Pansies.**

- \*—, **Admiration.** Soft purple, dark blotched.
- \*— **lutea splendens.** Golden yellow.
- \*— **papilio.** Violet, with dark eyes.
- \*—, **Snow Queen.** Pure white flowers.
- \*—, **White Perfection.** White.
- \*—, **Yellow Gem.** Clear yellow. Free-flowering.

The above, 15 cts. each, \$1.20 for 10, \$10 per 100

**VIOLETS, Large Single.** Owing to their fragrance and simplicity of culture, Violets have met with general favor. If planted in a shaded position out-of-doors, they will thrive and flower freely.

- , **Gov. Herrick.** Sweet scented. Clear choice shade of blue.
- , **Prince of Wales.** Color rich violet.
- , **Rose Pearl.** This is a new French variety remarkable for its color. The flowers are of a beautiful pink, with darker center.
- , **Double.** Double kinds require the protection of a coldframe.
- , **Lady Hume Campbell.** Mauve, several shades lighter than Marie Louise.

**YUCCA filamentosa.** Adam's Needle. Of tropical appearance, with immense, pyramidal clusters of creamy flowers. 4 to 6 ft. June, July.

- **filamentosa variegata.** A variegated form of the above. \$1 each.
- **glauca (angustifolia).** The foliage of this variety is very narrow and glaucous green. 3 ft. June, July.

Either of the above—	Each	10
2-year-old plants.....	\$0 25	\$2 00
3-year-old plants.....	35	3 00



Viola cornuta, G. Wermig

## Herbs and Roots

The plants offered below are all strong roots, and will make an abundant growth the first season. Except where noted, 25 cts. each, \$2 for 10, \$18 per 100

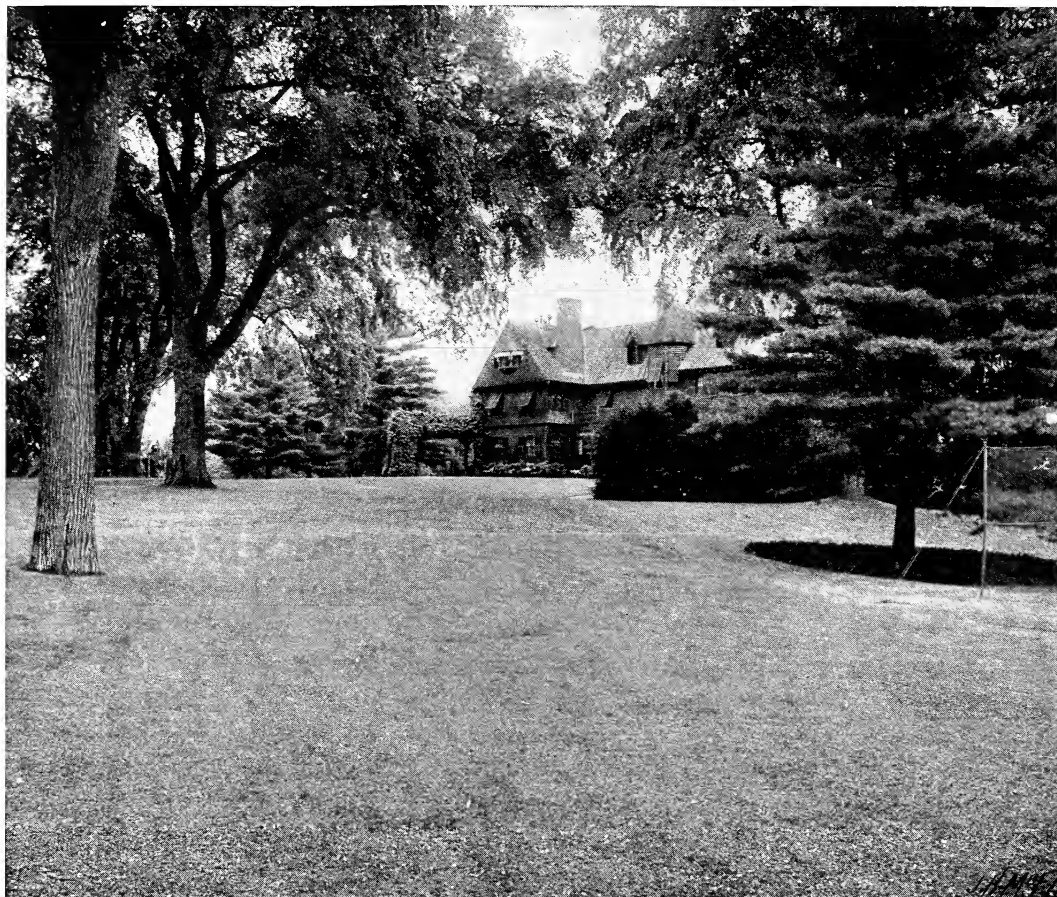
- Asparagus Roots, Colossal and Palmetto.** 2-yr., \$1.50 per 100, \$10 per 1,000; 3-yr. \$2.50 per 100, \$15 per 1,000.
- Balm (Melissa officinalis).** For culinary purposes.
- Chamomile (Anthemis nobilis).** Has medicinal qualities.
- Chives.** For flavoring.
- Costmary, or Bible-Leaf (Tanacetum Balsamita).**
- Hop Roots (Humulus Lupulus).**
- Horehound (Marrubium vulgare).** Has medicinal qualities.

- Horse-Radish Roots.** Used for sauces. 50 cts for 10, \$2 per 100.
- Hyssop (Hyssopus officinalis).** Has medicinal qualities.
- Lavender, True (Lavandula officinalis).** For oil and distilled water.
- Marjoram, [Pot (Origanum Onites).** Used in seasoning.
- Mint (Mentha piperita).**
- Rhubarb Roots, Linnæus.**
- —, **St. Martins.**
- Rosemary (Rosmarinus officinalis).** Yields aromatic oil and water.
- Rue (Ruta graveolens).** Said to have medicinal qualities.

- Sage, Common (Salvia officinalis).** A culinary herb, also used in medicine.
- Spearmint (Mentha spicata).**
- Savory, Winter (Satureia montana).** Used as a culinary herb.
- Tansy Herb (Tanacetum vulgare).**
- Tarragon, True (Artemisia Dracunculus).** Used in flavoring vinegar.
- Thyme (Thymus vulgaris).** Used in seasoning.
- Woodruff (Asperula odorata).** Used in flavoring wine.
- Wormwood (Artemisia Absinthium).** Has medicinal qualities.







## **“Rutherford Park” Lawn Grass Seed**

Our **“Rutherford Park” Mixture** will make a close, thick turf in a very few weeks. It roots deeply, enabling it to withstand severe droughts, consequently maintaining its beautiful rich green color the entire season. The **“Rutherford Park”** is no doubt the cheapest Lawn Grass seed offered; not particularly on account of the price, but more from the points of quality and quantity of seed to the bushel, which contains 21 pounds of the finest kinds and varieties of grasses used for lawn purposes. We believe this mixture to be among the best now on the market, and we ask our customers carefully to consider this before placing their orders.

We will supply any quantity our customers may desire, to meet the needs of the ground on which it is to be sown. The quantity required for making new lawns is 4 to 5 bushels to the acre; for renovating old lawns, 1 to 2 bushels. For a new plot 15 x 25 feet, or 375 square feet, two quarts are required, and one quart for renovating old lawns of the same dimensions.

*35 cts. per qt., \$2 per pk., \$7.50 per bus.*

### **Fertilizers for Lawn, Garden, and Greenhouse**

*Prices on application*

Ask for our Catalogue on Evergreens (Conifers), Flowering Broad-leaved Evergreens, Trees and Shrubs



## Shrubs for the Perennial Border

The stems of these shrubs are usually killed back to the ground the first few years after planting, but they freely push forth young shoots in spring, which will flower the same year. They are mostly used for backgrounds in the perennial border. Protect them the first winter with a covering of leaves.

**BUDDLEIA amplissima.** A new variety having extremely long racemes of delicately shaded lilac flowers. 75 cts. each, \$6.50 for 10.

—**Lindleyana.** Choice purplish violet flowers in long, dense racemes which stand erect. Pale green leaves, 2 to 4 inches long. Grows 3 to 6 feet high. Blooms all summer. 50 cts. each, \$4.50 for 10.

—**magnifica (variabilis magnifica).** A truly beautiful form of the above species with deep purple-lilac flowers, borne in long, graceful panicles, commencing to open in midsummer and continuing until frost. The long, gray-green leaves add greatly to its beauty, and in every way it is a good addition to late-blooming shrubs. 50 cts. each, \$4.50 for 10.

**CEANOTHUS, Gloire de Versailles.** Very pretty, flowering all summer, with bright blue trusses. 50 cts. each, \$4.50 for 10.

\***DAPHNE Cneorum.** A trailing evergreen plant, with narrow, glossy green leaves; flowers fragrant, bright pink. \$1 each, \$9 for 10.

\*—**Genkwa (Garland Flower).** Grows 3 feet high; slender branches, densely covered with silky flowers of lilac color. Pot-grown plants, \$1 each, \$9 for 10.

\*—**Mezereum (Mezereon Pink).** A small, hardy shrub, blooming in March. The deep flowers appear closely along the stems and have a delightful, penetrating fragrance. 75 cts. each, \$6.50 for 10.

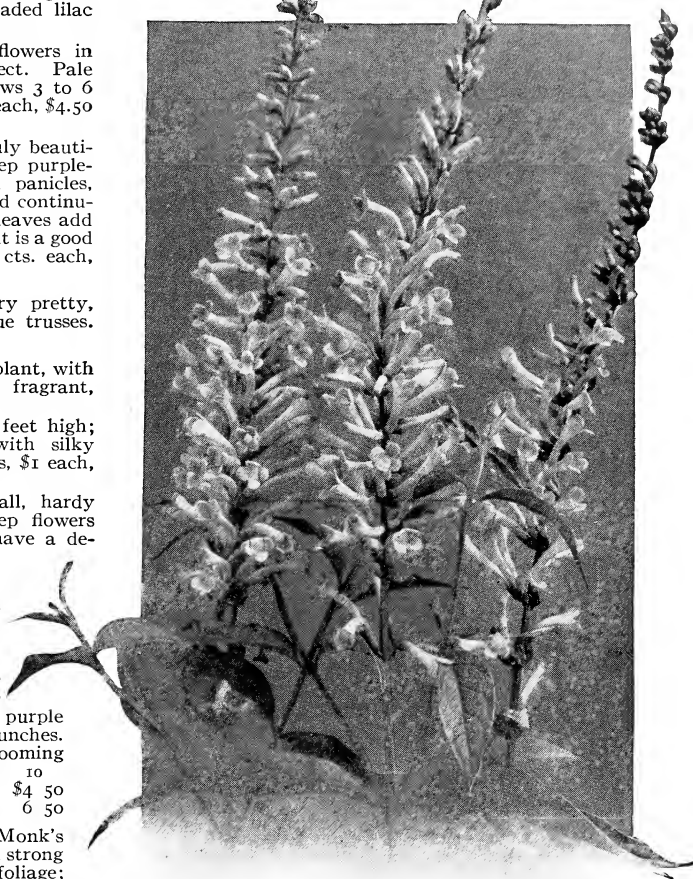
**LESPEDeza (Desmodium) bicolor.** A tall, slender-looking shrub, with graceful, wiry stems and pretty, pea-shaped, pink flowers.

	Each	10
3 to 4 ft. ....	\$0 50	\$4 50
4 to 5 ft. ....	75	6 50

—**Sieboldii (D. penduliflorum).** Rosy purple or reddish flowers, in pendulous bunches. Very free-flowering. It is the latest-blooming shrub.

	Each	10
3 to 4 ft. ....	\$0 50	\$4 50
4 to 5 ft. ....	75	6 50

**VITEX Agnus-castus.** Chaste Tree; Monk's Pepper Tree. Shrub or small tree, with strong aromatic odor; grayish, star-shaped foliage; flowers pale lilac from July to September. Very rare. 1½ to 2½ ft., 75 cts. each.



Buddleia Lindleyana

Rock-Garden Plants are one of our specialties. Ask for our Rock-Garden Pamphlet

## Miscellaneous Plants Used in Rockeries

These flowering evergreen plants and shrubs are used in connection with other dwarf evergreens in planting rockeries and sometimes in perennial borders.

**Abelia chinensis.**  
**Andromeda japonica.**  
 —speciosa.  
**Azalea amoena.**  
 —Benigiri.  
 —Hakalata-shiro.  
 —Hinodagiri.  
 —indica alba.  
 —indica magnifica.

**Azalea Kaempferi.**  
 —malvatica.  
 —Maxwellii.  
 —mollis.  
 —rosæflora (balsaminæflora).  
**Cotoneaster horizontalis.**  
**Euonymus radicans.**  
 —radicans acuta.  
 —radicans minimus (kewensis).

**Ilex crenata (Japanese Holly).**  
 —glabra.  
**Jasminum nudiflorum.**  
**Kalmia latifolia.**  
**Leucothoe Catesbæi.**  
**Pyracantha coccinea Lalandii.**  
**Rhododendron, Boule de Neige**  
**Viburnum Carlesi.**  
 —rhytidophyllum.

For more information and description of these plants, ask for our publication, "Plants for the Rock-Garden," which we shall be pleased to mail upon request.

PLEASE READ OUR BUSINESS TERMS AND SUGGESTIONS ON INSIDE FRONT COVER



# Alphabetical List Indicating Flowering Period, Approximate Height and Color

	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<i>Acanthus mollis</i> (Bear's Breech).....	5	x							x		3 ft.	July, Aug.
<i>Achillea filipendulina</i> (Fern-leaved Yarrow)....	5	x						x			3 ft.	June, July
— <i>Millefolium roseum</i> (Milfoil).....	5	x				x					2 ft.	June-Sept.
— Parkers Variety.....	5	x									2½-3 ft.	June-Sept.
— <i>Ptarmica</i> , Boule de Neige (Ball of Snow).....	5	x			x						2 ft.	June-Sept.
— <i>Ptarmica</i> , Perry's White.....	5				x						2½ ft	June, July
— <i>Ptarmica</i> , The Pearl.....	5	x			x						2 ft.	June-Sept.
— <i>tomentosa</i> (Woolly Yarrow).....	5	x						x			1 ft.	June
<i>Aconitum californicum</i> (Monkshood).....	5	x	x						x		4 ft.	Autumn
— Fischeri.....	5	x	x					x	x		2 ft.	Sept., Oct.
— <i>Napellus</i> (True Monkshood).....	5	x	x						x		3 ft.	June, July
— <i>Napellus bicolor</i> .....	5	x	x						x		3 ft.	July
— <i>Præcox</i> .....	5	x	x						x		3 ft.	June, July
— Sparks' Variety.....	5	x	x						x		5 ft.	July, Aug.
— <i>Stoerkianum</i> .....	5	x	x						x		3-5 ft.	July-Sept.
— <i>Wilsonii</i> .....	5	x	x						x		5 ft.	Sept.
<i>Actæa spicata</i> (Baneberry).....	5		x		x						1½ ft.	May, June
— <i>rubra</i> .....	5		x		x						1½ ft.	May, June
<i>Adonis amurensis</i> fl.-pl. (Bird's Eye).....	5	x		x				x			1 ft.	April, May
— <i>vernalis</i> (Early Spring Adonis).....	5	x		x				x			1 ft.	April, May
<i>Ægopodium Podagraria variegatum</i> (Bishop's Weed).....	5	x	x								1 ft.	
<i>Æthionema coridifolium</i> .....	5	x				x					1 ft.	June
— <i>grandiflorum</i> .....	5	x				x					1 ft.	May, June
— <i>persicum</i> .....	5	x				x					1 ft.	May, June
— <i>stylosa</i> .....	5	x				x					1 ft.	May, June
<i>Æthiopappus</i> . See <i>Centaurea</i> .												
<i>Agrostemma coronaria</i> (Mullein Pink).....	5	x				x					2 ft.	June, July
— <i>coronaria alba</i> .....	5				x						2 ft.	June, July
<i>Ajuga genevensis</i> .....	5	x		x					x		6 in.	May, June
— <i>reptans</i> (Bugle).....	5	x		x					x		6 in.	May, June
— <i>atropurpurea</i> .....	5	x		x					x		6 in.	May, June
<i>Althæa rosea</i> (Hollyhock).....	5	x				x					5 ft.	July, Aug.
— <i>Alleghany Mammoth</i> .....	5	x									5 ft.	July, Aug.
— <i>Double</i> .....	5	x									5 ft.	July, Aug.
— <i>Single</i> .....	5	x									5 ft.	July, Aug.
<i>Alyssum rostratum</i> (Beaked Madwort).....	6	x						x			1 ft.	June-Aug.
— <i>saxatile compactum</i> (Rock Madwort).....	6	x						x			1 ft.	April, May
— <i>saxatile compactum</i> fl.-pl. (Golden Tuft).....	6	x						x			1 ft.	April, May
<i>Amaryl lis</i> . See <i>Lycoris</i> .												
<i>Amsonia Tabernæmontana</i> .....	6	x							x		2 ft.	May, June
<i>Anchusa italica</i> , Dropmore (Alkanet).....	6	x							x		4 ft.	June-Sept.
— <i>italica</i> , Opal.....	6	x							x		4 ft.	May-July
— <i>italica</i> , Pride of Dover.....	6			x					x		4 ft.	June-Sept.
— <i>myosotidiflora</i> .....	6	x							x		4 ft.	April, May
<i>Androsace lanuginosa</i> (Rock Jasmine).....	6			x		x					6 in.	April, May
<i>Anemone</i> (Windflower).....	6			x							1-3 ft.	Autumn
— <i>canadensis</i> .....	6			x					x		1 ft.	June-Aug.
— <i>hupehensis</i> .....	6			x					x		1 ft.	Aug.-Oct.
— <i>japonica alba</i> .....	6			x	x						2-3 ft.	Sept., Oct.
— <i>japonica</i> , Coupe d'Argent.....	6			x	x						2-3 ft.	Sept., Oct.
— <i>japonica</i> , Lady Ardilaun.....	6			x	x						2-3 ft.	Sept., Oct.
— <i>japonica</i> , Loreley.....	6			x		x					2-3 ft.	Sept., Oct.
— <i>japonica</i> , Louise Uhink.....	6			x	x						2-3 ft.	Sept., Oct.
— <i>japonica</i> , Mount Rose.....	6			x		x					2-3 ft.	Sept., Oct.
— <i>japonica</i> , Prince Henry.....	6			x			x				2-3 ft.	Sept., Oct.
— <i>japonica</i> , Queen Charlotte.....	6			x		x					2-3 ft.	Sept., Oct.
— <i>japonica</i> , Whirlwind.....	6			x	x						2-3 ft.	Sept., Oct.
— <i>Pulsatilla</i> (Pasque Flower).....	6			x					x		1 ft.	April, May
— <i>Pulsatilla rubra</i> .....	6			x			x				1 ft.	April, May
— <i>syvestris</i> (Snowdrop Windflower).....	6			x	x						1½ ft.	April, May
— <i>vitifolia tomentosa</i> .....	6			x		x					2-3 ft.	April, May
<i>Anthemis montana</i> (Marguerite).....	6	x			x						2 ft.	June-Oct.
— <i>tinctoria Kelwayi</i> (Golden Marguerite).....	6	x						x			2 ft.	June-Oct.
<i>Anthericum</i> (Paradisea) <i>Lilium majus</i> (St. Bruno's Lily).....	6	x			x						1½ ft.	May, June
<i>Aquilegia</i> (Columbine).....	7	x									2-3 ft.	May, June
— <i>Baicalensis</i> .....	7	x							x		2-3 ft.	May, June
— <i>Barr's Large Hybrids</i> .....	7	x									2 ft.	May, June
— <i>cærulea</i> (Rocky Mountain Columbine).....	7	x			x				x		2 ft.	May, June
— <i>canadensis</i> (American Columbine).....	7	x					x	x			2-3 ft.	May, June



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<i>Aquilegia chrysantha</i> (Golden-spurred).....	7	x						x			2-3 ft.	May, June
— <i>flabellata nana-alba</i> .....	7	x			x						6-12 in.	May, June
— <i>formosa hybrida</i> ..... Assorted..	7	x									1-3 ft.	May, June
— <i>formosa truncata</i> .....	7	x						x			1-3 ft.	May, June
— <i>glandulosa superba</i> (Blue Siberian Columbine)	7	x							x		1½ ft.	May, June
— <i>Haylodgensis Hybrids</i> ..... Assorted..	7	x									2 ft.	May, June
— <i>Helena</i> .....	7	x							x		1 ft.	May-July
— <i>Long-spurred Hybrids</i> ..... Assorted..	7	x									2-3 ft.	May, June
— <i>Skinneri</i> (Mexican Columbine).....	7	x						x			2-3 ft.	May, June
— <i>vulgaris flore-pleno alba</i> .....	7	x			x						2-3 ft.	May, June
— <i>vulgaris nivea grandiflora</i> .....	7	x			x						2-3 ft.	May, June
— <i>Double, Assorted</i> ..... Assorted..	7	x									2-3 ft.	May, June
<i>Arabis alpina</i> (Rock Cress).....	8	x			x						5 in.	April, May
— <i>alpina fl.-pl.</i> .....	8	x			x						5 in.	April, May
<i>Aralia cachemirica</i> .....	8	x			x						5-8 ft.	Early Sum.
<i>Arctostaphylos Uva-ursi</i> (Great Bearberry).....	8		x		x		x				2-4 in.	Summer
<i>Arenaria montana</i> (Sandwort).....	8	x			x						4 in.	April, May
<i>Arisæma triphyllum</i> (Indian Turnip).....	8		x								1½ ft.	May
<i>Armeria Dianthoides</i> (Thrift).....	8	x			x	x					10 in.	May, June
— <i>Laucheana</i> .....	8				x		x				6 in.	June-Aug.
— <i>maritima</i> (Sea Thrift).....	8				x	x					6 in.	May, June
<i>Artemisia Abrotanum</i> (Southernwood; Old Man)	8	x			x						2-3 ft.	Aug., Sept.
— <i>lactiflora</i> .....	8	x			x						3-4 ft.	Aug., Sept.
— <i>Stelleriana</i> (Old Woman).....	8	x			x						1½-4 ft.	Aug., Sept.
<i>Asarum canadense</i> (Wild Ginger).....	8		x							x	9 in.	May
<i>Asclepias incarnata</i> (Swamp Milkweed).....	8	x			x				x		3-4 ft.	July, Aug.
— <i>tuberosa</i> (Butterfly Weed).....	8	x			x			x			2 ft.	July, Aug.
<i>Asperula odorata</i> (Sweet Woodruff).....	8				x	x					2 ft.	July, Aug.
<i>Aster</i> (Michaelmas Daisy; Starwort) Assorted..	8	x									½-4 ft.	Sum., Aut.
— <i>alpinus</i> (Blue Mountain Daisy).....	8	x							x		5-10 in.	May, June
— <i>alpinus albus</i> .....	8	x			x						5-10 in.	May, June
— <i>Amellus, King George</i> .....	8	x			x				x		2 ft.	Aug., Sept.
— <i>Amellus, Perry's Favorite</i> .....	8	x			x	x					2 ft.	Aug., Sept.
— <i>Amellus preciosa</i> .....	8	x			x				x		2 ft.	Aug., Sept.
— <i>Amellus, Rudolph Goethe</i> .....	8	x			x				x		2 ft.	Aug., Sept.
— <i>Amellus Wienholtzi</i> .....	8	x			x	x					2 ft.	Aug., Sept.
— <i>Chapmani</i> .....	8	x							x		4 ft.	Aug.-Oct.
— <i>Climax</i> .....	8	x							x		4-5 ft.	Aug.-Oct.
— <i>cordifolius, Diana</i> .....	8	x							x		1 ft.	Oct.
— <i>cordifolius, Ideal</i> .....	8	x							x		3-4 ft.	Oct.
— <i>cordifolius versicolor</i> .....	8	x			x						3 ft.	Sept.
— <i>Delavayi</i> .....	8	x							x		3 ft.	Aug.-Oct.
— <i>Delicata</i> .....	8	x							x		3 ft.	Aug.-Oct.
— <i>Elta</i> .....	8	x							x		3 ft.	Aug.-Oct.
— <i>ericoides</i> .....	10	x			x						3 ft.	Aug.-Oct.
— <i>grandiflorus</i> .....	10	x							x		3 ft.	Sept., Oct.
— <i>hybridus luteus</i> .....	10	x						x			2-3 ft.	Aug.-Oct.
— <i>ibericus, Ultramarin</i> .....	10	x			x				x		2-3 ft.	Aug.-Oct.
— <i>Lutetia</i> .....	10	x						x			2-3 ft.	Aug.-Oct.
— <i>Maid of Colwall</i> .....	10	x			x						2-3 ft.	Aug.-Oct.
<i>Aster Mesagrande speciosus grandiflorus</i> . See <i>Erigeron</i> .												
<i>Aster novæ-angliæ, Lil Fardell</i> .....	10	x				x					4-5 ft.	Aug., Sept.
— <i>novæ-angliæ, Mrs. S. T. Wright</i> .....	10	x				x			x		4 ft.	Aug., Sept.
— <i>novæ-angliæ roseus</i> .....	10	x				x					4-5 ft.	Aug., Sept.
— <i>novæ-angliæ, Ryecroft Pink</i> .....	10	x				x					4-5 ft.	Aug., Sept.
— <i>novæ-angliæ, Ryecroft Purple</i> .....	10	x							x		4-5 ft.	Aug., Sept.
<i>Aster novæ-belgii, Anita Ballard</i> .....	10	x							x		4½ ft.	Aug.-Oct.
— <i>novæ-belgii, Antwerpia</i> .....	10	x									2-4 ft.	Aug.-Oct.
— <i>novæ-belgii, Beauty of Colwall</i> .....	10	x							x		4 ft.	Aug.-Oct.
— <i>novæ-belgii, Blue Gem</i> .....	10	x							x		4 ft.	Aug.-Oct.
— <i>novæ-belgii, Bouquet Rose</i> .....	10	x				x					4 ft.	Aug.-Oct.
— <i>novæ-belgii, Cloudy Blue</i> .....	10	x							x		4 ft.	Aug.-Oct.
— <i>novæ-belgii, Feltham Blue</i> .....	10	x							x		3 ft.	Aug.-Oct.
— <i>novæ-belgii, F. W. Burbridge</i> .....	10	x				x					4 ft.	Sept., Oct.
— <i>novæ-belgii, Gertrude</i> .....	10	x							x		4 ft.	Aug., Sept.
— <i>novæ-belgii, Glory of Colwall</i> .....	10	x							x		4 ft.	Aug., Sept.
— <i>novæ-belgii, Heather Glow</i> .....	10	x				x					4 ft.	Aug., Sept.
— <i>novæ-belgii, King of the Belgians</i> .....	10	x							x		5 ft.	Aug., Sept.
— <i>novæ-belgii, La Taussaint</i> .....	10	x							x		1 ft.	Aug., Sept.
— <i>novæ-belgii, Lady Loyd</i> .....	10	x				x					4 ft.	Aug., Sept.
— <i>novæ-belgii, Maggie Perry</i> .....	10	x								x	3 ft.	Aug., Sept.
— <i>novæ-belgii, Perry's White</i> .....	10	x			x						4 ft.	Aug.-Oct.
— <i>novæ-belgii, Rachel Ballard</i> .....	10	x				x					4 ft.	Aug., Sept.
— <i>novæ-belgii, Robert Parker</i> .....	10	x							x		4-5 ft.	Aug.-Oct.
— <i>novæ-belgii, Robinson V. C.</i> .....	10	x								x	3-4 ft.	Aug.-Oct.
— <i>novæ-belgii Shortii</i> .....	10	x							x		3-4 ft.	Aug., Sept.



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
Aster novæ-belgii, Snowball.....	10	x			x						4 ft.	Aug., Sept.
—novæ-belgii, St. Egwin.....	10	x				x					3 ft.	Sept., Oct.
—novæ-belgii, Thelma Perry.....	10	x				x					4 ft.	Aug., Sept.
—novæ-belgii, T. S. Ware.....	10	x							x		3½ ft.	Sept.
—novæ-belgii, Well's White.....	10	x			x						4 ft.	Aug., Sept.
—novæ-belgii, White Climax.....	10	x			x						4-5 ft.	Aug., Sept.
—novæ-belgii, White Queen.....	10	x			x						4 ft.	Sept.
—novæ-belgii, Wonder of Colwall.....	10	x						x			4 ft.	Aug., Sept.
—, Sam Banham.....	10	x			x						4-5 ft.	Aug., Sept.
—subcæruleus.....	10	x							x		1 ft.	June
—magnificus.....	10	x									1½ ft.	June, July
—tataricus.....	10	x		x					x		5-6 ft.	Oct.
Astilbe (Spiræa) Arendsii Hybrids.. Assorted..	11			x							2 ft.	June, July
—, America.....	11			x					x		2 ft.	June, July
—, Amethyst.....	11			x					x		2 ft.	June, July
—, astilboides.....	11			x	x						2-3 ft.	June, July
—, Avalanche.....	11			x	x						2 ft.	June, July
—, Gladstone.....	11			x	x						2 ft.	June, July
—, Gloria.....	11			x		x					2 ft.	June, July
—, Granat.....	11			x			x				2 ft.	June, July
—grandis rosea magnifica.....	11			x		x					4 ft.	July
—, Mont Blanc.....	11			x	x						2 ft.	June, July
—, Peach Blossom.....	11			x		x					1-3 ft.	June, July
—, Pink Pearl.....	11			x		x					3 ft.	June, July
—, Queen Alexandra.....	11			x		x					2-3 ft.	June, July
—, Rhineland.....	11			x			x				2-3 ft.	June, July
—, Rubens.....	11			x			x				2 ft.	June, July
—, Rubin.....	11			x			x				2 ft.	June, July
—, Salland.....	11			x			x				5-6 ft.	June, July
—, Vesta.....	11			x		x					2½-3½ ft.	June, July
—Davidi grandis.....	11			x	x						2-2½ ft.	June, July
—Mørheimii.....	11			x	x						5-6 ft.	June, July
Aubrietia deltoidea (False Wall Cress).....	11							x			6 in.	April, May
—deltoidea græca.....	11				x				x		6 in.	April, May
—deltoidea Hendersoni.....	11				x				x		2-3 ft.	April, May
—deltoidea, Lavender.....	11				x				x		1 ft.	April, May
—deltoidea purpurea (Purple Lady).....	11				x				x		1-2 ft.	April, May
—deltoidea, Violet Queen.....	11				x				x		1-2 ft.	April, May
Baptisia australis (False Indigo).....	11	x							x		3-4 ft.	May-July
Belamcanda. See Pardonthus.												
Bellis perennis (English Daisy).....	11	x			x						5 in.	May, June
Bocconia cordata (Plume Poppy).....	11	x			x						6-8 ft.	July, Aug.
Boltonia asteroides.....	11	x			x						4½-5 ft.	Aug., Sept.
—latisquama.....	11	x				x					4-5 ft.	Aug., Sept.
—latisquama nana.....	11	x				x					2 ft.	Aug., Sept.
Buddleia amplissima.....	49	x				x			x		4-5 ft.	June-Aug.
—Lindleyana.....	49	x							x		3-6 ft.	June-Aug.
—magnifica.....	49	x							x		4-5 ft.	July-Sept.
Cactus, Hardy.....	11	x										
—humilis (Rafinesqui).....	11	x					x				4-8 in.	Aug.
—phæacantha major.....	11	x					x				4-10 in.	Aug.
Calamintha alpina.....	11	x							x		6 in.	June
Calimeris incisa.....	11	x							x		2 ft.	July, Aug.
Callirhoe involucrata (Poppy Mallow).....	11	x					x				1 ft.	June-Sept.
Calluna. See Erica.												
Calystegia pubescens fl.-pl.....	11	x				x					Vine	May-Aug.
Campanula (Bellflower).....	11	x										
—alliarifolia.....	11	x		x	x						2 ft.	July
—carpatia (Harebell).....	11	x							x		6 in.	July, Aug.
—carpatia alba.....	11	x			x						6 in.	July, Aug.
—carpatia, Isabel.....	11	x							x		1 ft.	July, Aug.
—carpatia lilacina.....	11	x							x		3-6 in.	July
—carpatia Raineri.....	11	x							x		2-3 in.	July
—carpatia turbinata (Top Bellflower).....	11	x		x					x		3-6 in.	July
—elegans.....	12	x							x		1 ft.	July
—glomerata.....	12	x		x					x		1½ ft.	June, July
—dahurica.....	12	x							x		1½ ft.	June, July
—lactiflora.....	12	x							x		3-4 ft.	June-Aug.
—latifolia macrantha.....	12	x							x		3 ft.	June, July
—macrantha alba.....	12	x			x						3 ft.	June, July
—Medium (Canterbury Bells)..... Assorted..	12	x									2 ft.	June
—Medium calycanthema (Cup-and-Saucer Canterbury Bell)..... Assorted..	12	x									2 ft.	June
—persicifolia (Peach-leaved Bellflower).....	12	x							x		2 ft.	June, July
—persicifolia alba grandiflora.....	12	x			x						2 ft.	June, July
—persicifolia, Candelabre.....	12	x		x	x						2 ft.	June, July
—persicifolia flore-pleno.....	12	x							x		2 ft.	June, July





	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<i>Campanula persicifolia</i> Moerheimi.....	12	x		x	x						2 ft.	June, July
—persicifolia, Thelham Beauty.....	12	x		x					x		2½ ft.	June, July
—punctata (Noble Bellflower).....	12	x			x		x				2 ft.	June, July
—pyramidalis (Steeple Bellflower).....	12	x							x		4-5 ft.	Aug., Sept.
—pyramidalis alba.....	12	x			x						4-5 ft.	Aug., Sept.
—rotundifolia (Blue Bells of Scotland).....	12	x							x		1 ft.	June-Aug.
<i>Caryopteris incana</i> (Blue Spirea).....	12	x							x		3-4 ft.	Sept.-Oct.
<i>Cassia marilandica</i> (American Senna).....	12	x						x			5-6 ft.	July-Sept.
<i>Catananche cærulea bicolor</i> (Cupid's Dart).....	12	x			x						2 ft.	June-Aug.
<i>Ceanothus</i> , Gloire de Versailles.....	49	x							x		2 ft.	June-Aug.
<i>Centaurea dealbata</i> .....	12	x				x					1½ ft.	July, Aug.
—macrocephala.....	12	x						x			3 ft.	July, Aug.
—montana (Perennial Cornflower).....	12	x							x		2 ft.	June-Sept.
—montana alba.....	12	x			x						2 ft.	June-Sept.
—montana rosea.....	12	x				x					1 ft.	June-Sept.
—ruthenica.....	12	x						x			1-2 ft.	July, Aug.
<i>Cerastostigma plumbaginoides</i> . See <i>Plumbago</i>												
<i>Larpetæ</i> .												
<i>Centranthus ruber</i> .....	12			x			x				3 ft.	June, July
—ruber albus.....	12			x	x						3 ft.	June, July
<i>Cephalaria alpina</i> (Roundheads).....	12	x						x			5 ft.	June, July
<i>Cerastium tomentosum</i> (Snow-in-Summer).....	12	x			x						6 in.	May, June
<i>Cheiranthus Cheiri</i> (Wallflower).....	12	x						x			1½ ft.	June-Aug.
<i>Chelone glabra</i> (Turtlehead).....	12			x	x						2-3 ft.	Aug., Sept.
—Lyonii.....	12			x			x				2-3 ft.	Aug., Sept.
<i>Chrysanthemums</i> , Large-flowering... Assorted..												
—, Boston.....	13	x						x			3 ft.	Oct. 25
—, Bronze Source d'Or.....	13	x						x			3-4 ft.	Nov. 1
—, Brune Poitvine.....	13	x					x				2 ft.	Nov. 5
—, Carrie.....	13	x						x			1½-2 ft.	Oct. 10
—, Chaldon.....	13	x						x			3-4 ft.	Oct. 12
—, Champ d'Or.....	13	x						x			1 ft.	Oct. 10
—, Champagne.....	13	x					x				3 ft.	Oct. 25
—, Cranfordia.....	13	x						x			3-4 ft.	Oct. 22
—, Cranford's White.....	13	x			x						2 ft.	Oct. 22
—, Dorothy.....	13	x			x						1-2 ft.	Oct. 22
—, Early White.....	13	x			x						2 ft.	Sept. 25
—, Eden.....	13	x				x					3 ft.	Oct. 10
—, Eden Nonin.....	13	x				x					2 ft.	Oct. 10
—, Goacher's Crimson.....	13	x					x				2 ft.	Oct. 30
—, L'Argentuillais.....	13	x					x				2 ft.	Oct. 15
—, Mr. Rux.....	13	x				x					3-4 ft.	Oct. 28
—, Mrs. Henry F. Vincent.....	13	x						x			2-3 ft.	Oct. 18
—, Normandie.....	13	x			x						1-1½ ft.	Sept. 25
—, Pauline Wilcox.....	13	x							x		1-1½ ft.	Oct. 29
—, Perle Chatillonnaise.....	13	x			x						1-1½ ft.	Oct. 10
—, Queen of the Whites.....	13	x			x						3 ft.	Nov. 2
—, Tints of Gold.....	13	x			x			x			1-2 ft.	Oct. 22
—, Winnetka.....	13	x			x						1-2 ft.	Oct. 10
—, Wolverine.....	13	x						x			1-2 ft.	Sept. 25
<i>Chrysanthemums</i> , Pompon Varieties.												
—, Acto.....	13	x				x					3 ft.	Oct. 22
—, Anna L. Moran.....	13	x							x		1-2 ft.	Oct. 22
—, Captain Cook.....	13	x				x					3-4 ft.	Oct. 28
—, Donald.....	13	x				x					1-2 ft.	Oct. 30
—, Fairy Queen.....	13	x				x					3 ft.	Oct. 22
—, Francis Huckvale.....	13	x				x					3 ft.	Oct. 27
—, Golden Climax.....	13	x							x		1-2 ft.	Oct. 25
—, Harvest Moon.....	13	x						x			9-12 in.	Oct. 18
—, Julia.....	13	x								x	1-3 ft.	Nov. 1
—, Lillian Doty.....	13	x				x					3 ft.	Oct. 23
—, Mrs. Chester Robinson.....												
—, Mrs. I. Emery.....	13	x						x			2-3 ft.	Nov. 1
—, Mrs. H. Harrison.....	13	x							x		3 ft.	Oct. 15
—, Nellie.....	13	x						x			3 ft.	Oct. 25
—, Petit Louis.....	13	x				x					3 ft.	Oct. 24
—, Rosea.....	13	x				x					3 ft.	Oct. 18
—, Victor.....	13	x			x						1-2 ft.	Nov. 1
—, White Doty.....	13	x			x						3 ft.	Oct. 22
<i>Chrysanthemums</i> , Button Varieties.												
—, Brown Bessie.....	14	x								x	1-2 ft.	Oct. 25
—, Doris.....	14	x								x	1-2 ft.	Oct. 22
—, Helios.....	14	x								x	1-2 ft.	Oct. 25
—, Liber.....	14	x					x				1-2 ft.	Oct. 29
—, Mirabeau.....	14	x				x					3 ft.	Oct. 29
—, Minta.....	14	x				x					3 ft.	Oct. 2
—, Skibo.....	14	x				x		x			1-2 ft.	Oct. 22



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<b>Chrysanthemums, Button Varieties, continued</b>												
—, <i>Susquehanna</i> .....	14	x						x			1-2 ft.	Oct. 29
—, <i>Waco</i> .....	14	x			x						3 ft.	Oct. 22
<b>Chrysanthemums, Single-flowering Varieties.</b>												
—, <i>Excelsior</i> .....	14	x						x			3 ft.	Oct. 27
—, <i>Fernridge</i> .....	14	x								x	3 ft.	Oct. 12
—, <i>Gem</i> .....	14	x			x						3 ft.	Nov. 2
—, <i>Good Red</i> .....	14	x					x				1-2 ft.	Nov. 1
—, <i>Mrs. W. E. Buckingham</i> .....	14	x				x					1-2 ft.	Nov. 1
<b>Chrysanthemums, Other Varieties.</b>												
— <i>arcticum</i> (Arctic Daisy).....	14	x		x	x						1-1½ ft.	Sept.-Nov.
— <i>maximum</i> , <i>King Edward</i> .....	14	x			x						2 ft.	July-Sept.
— <i>maximum</i> , <i>Shasta Daisy</i> .....	14	x			x						2 ft.	July-Sept.
<i>Cimicifuga americana</i> (Bugbane).....	14			x	x						2-4 ft.	Aug., Sept.
— <i>dahurica</i> (Snakeroot).....	14			x	x						3-4 ft.	Sept.
— <i>racemosa</i> .....	14			x	x						4-5 ft.	June, July
<i>Claytonia virginica</i> (Spring Beauty).....	14			x		x						April, May
<i>Clematis coccinea</i> (Red Leather Flower).....	14	x					x				Cl.	June-Oct.
— <i>crispa</i> .....	14	x							x		Cl.	June-Oct.
— <i>Davidiana</i> .....	14	x							x		4 ft.	Aug., Sept.
— <i>integrifolia</i> .....	16	x							x		2 ft.	June-Aug.
— <i>recta</i> (erecta).....	16	x			x						3 ft.	June, July
<i>Convallaria majalis</i> (Lily-of-the-Valley).....	16		x	x	x						9 in.	May, June
<i>Convolvulus</i> . See <i>Calystegia</i> .												
<i>Coreopsis floribunda</i> .....	16	x						x			2 ft.	June-Sept.
— <i>lanceolata</i> .....	16	x						x			2 ft.	June-Oct.
— <i>verticillata</i> .....	16	x						x			2 ft.	July, Aug.
<b>Coreopsis, New Double-flowering.</b>												
— <i>lanceolata grandiflora</i> , <i>Perry's Variety</i> .....	16	x						x			2 ft.	June-Oct.
<i>Coronilla varia</i> (Crown Vetch).....	16	x			x	x					1-2 ft.	June-Aug.
<i>Crambe cordifolia</i> .....	16	x			x						5-6 ft.	June, July
<i>Crucianella stylosa</i> (Crosswort).....	16	x				x					6-9 in.	June-Sept.
<b>Cynanchum acuminatum</b> . See <i>Vincetoxicum</i> .												
<i>Cypripedium acaule</i> (Lady's Slipper).....	16			x		x					1 ft.	May-June
— <i>parviflorum</i> (Small Lady's Slipper).....	16		x					x			1 ft.	May-June
— <i>pubescens</i> (Large Lady's Slipper).....	16		x					x			1 ft.	May-June
— <i>spectabile</i> (Showy Lady's Slipper).....	16			x	x	x					2 ft.	June
<i>Daphne Cneorum</i> .....	49			x		x					9-12 in.	April
— <i>Genkwa</i> (Garland Flower).....	49	x							x		3 ft.	April
— <i>Mezereum</i> (Mezereum Pink).....	49	x				x					1-1½ ft.	March
<i>Delphinium</i> (Larkspur)..... Assorted..	16	x										June-Oct.
—, <i>Amos Perry</i> .....	16	x				x			x		2 ft.	June-Aug.
—, <i>Andrew Carnegie</i> .....	16	x								x	3-4 ft.	June-Oct.
—, <i>Capri</i> .....	16	x							x		5-6 ft.	June-Oct.
—, <i>C. W. Matthes</i> .....	16	x							x		5 ft.	June-Oct.
—, <i>King of Delphiniums</i> .....	16	x							x		4-5 ft.	June-Oct.
—, <i>Lady Ravensworth</i> .....	16	x							x		4-5 ft.	June-Oct.
—, <i>Lamartine</i> .....	16	x							x		2-3 ft.	June-Oct.
—, <i>Lize</i> .....	16	x							x		4-5 ft.	June-Oct.
— <i>Moerheimel</i> .....	16	x			x						5-6 ft.	June-Oct.
—, <i>Queen Wilhelmina</i> .....	16	x							x		4 ft.	June-Oct.
—, <i>Rev. E. Lasceles</i> .....	16	x							x		5-6 ft.	June-Oct.
—, <i>Salland</i> .....	16	x							x		4 ft.	June-Oct.
—, <i>The Atake</i> .....	16	x							x		4 ft.	June-Oct.
<b>Hybrid Delphiniums</b> .....	17	x										June-Oct.
— <i>formosum</i> .....	17	x							x		3 ft.	June-Oct.
— <i>Belladonna</i> .....	17	x							x		3 ft.	June-Oct.
— <i>Belladonna grandiflorum chinense</i> .....	17	x							x		2 ft.	June-Oct.
— <i>Belladonna grandiflorum chinense alba</i> .....	17	x			x						2 ft.	June-Oct.
— <i>Hybrids</i> .....	17	x							x		4-5 ft.	June-Oct.
<b>Dianthus</b> (Hardy Pinks)..... Assorted..	17	x									3 in.-2 ft.	May, June
— <i>barbatus</i> (Sweet William)..... Assorted..	17	x									2 ft.	May, June
— <i>barbatus</i> , <i>Newport Pink</i> .....	17	x				x					2 ft.	May, June
— <i>barbatus</i> , <i>Scarlet Beauty</i> .....	17	x					x				2 ft.	May, June
— <i>barbatus</i> Double, Assorted Colors. Assorted..	17	x									2 ft.	May, June
— <i>chinensis</i> (China or Indian Pink). Assorted..	17	x									2 ft.	May, June
— <i>delicata</i> .....	17	x				x					1-2 ft.	May, June
— <i>deltoides</i> (Maiden Pink).....	17	x				x					8 in.	May, June
— <i>deltoides alba</i> .....	17	x			x						8 in.	May, June
— <i>glacialis neglectus</i> (Glacier Pink).....	17			x		x					3-4 in.	May, June
—, <i>Grenadin</i> .....	17	x					x				1½ ft.	May, June
—, <i>Grenadin alba</i> .....	17	x				x					1½ ft.	May, June
—, <i>Her Majesty</i> .....	17	x			x						1 ft.	May, June
—, <i>Homer</i> .....	17	x					x				1 ft.	May, June
—, <i>Juliet</i> .....	17	x			x						1 ft.	May, June
— <i>latifolius atrococcineus fl.-pl.</i> (Everblooming Hybrid Sweet William).....	17	x					x				1 ft.	May, June



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<i>Dianthus</i> , Lord Lyon.....	17	x				x					1 ft.	May, June
—, Napoleon III.....	17	x					x				1½ ft.	July
—plumarius, Mrs. Sinkins.....	17	x			x						1 ft.	May, June
—plumarius semperflorens.....	17	x			x	x					1 ft.	May, June
<i>Dicentra formosa</i> .....	17	x				x					1 ft.	May-Aug.
—spectabilis (Bleeding-Heart).....	17	x					x				1½ ft.	April-June
<i>Dictamnus caucasicus</i> .....	17	x			x						3-4 ft.	June, July
—fraxinella alba (Gas Plant).....	17	x			x						2-3 ft.	June, July
—fraxinella rubra.....	17	x					x				3-4 ft.	June, July
<i>Digitalis</i> (Foxglove).....	17	x									2-3 ft.	June, July
—ambigua.....	17	x						x			2-3 ft.	June, July
—lanata.....	17	x						x			2-3 ft.	June, July
—purpurea gloxiniaeflora (Gloxinia-flowered).....	17	x							x		2-3 ft.	June, July
<i>Dodecatheon Media</i> (Shooting Star).....	18		x	x					x		1 ft.	May 1
<i>Doronicum caucasicum</i> (Leopard's Bane).....	18	x						x			1½-2 ft.	May, June
—Clusii.....	18	x						x			1-2 ft.	April-June
—columnæ.....	18	x						x			6 in.	May, June
—magnificum.....	18	x						x			1 ft.	May, June
—Pardalianches.....	18	x						x			1 ft.	May, June
—plantagineum excelsum.....	18	x						x			1-2 ft.	April, May
<i>Draba fladnizensis</i> (Whitlow Grass).....	18			x	x						6-12 in.	April-June
—Olympica.....	18			x				x			3 in.	April, May
<i>Dracocephalum grandiflorum</i> (Dragon's Head).....	18	x							x		1 ft.	June, July
—Ruyschiana.....	18	x							x		1 ft.	June, July
<i>Echinacea purpurea</i> (Purple Coneflower).....	18	x							x		3-4 ft.	July, Aug.
<i>Echinops humilis</i> (Globe Thistle).....	18	x							x		2-3 ft.	July, Aug.
—Ritro.....	18	x							x		3-4 ft.	July, Aug.
<i>Epigæa repens</i> (Trailing Arbutus).....	18		x	x		x					2-4 in.	April, May
<i>Epilobium angustifolium</i> (Willow Herb).....	18	x					x				3-4 ft.	June-Aug.
<i>Epimedium</i> (Barrenwort)..... Assorted	18			x							9 in.	May, June
—album.....	18			x	x						9 in.	May, June
—alpinum..... Assorted	18			x							9 in.	May, June
—bicolorum.....	18			x						x	9 in.	May, June
—diphyllum roseum.....	18			x		x					9 in.	May, June
—elegans.....	18			x							9 in.	June-Aug.
—erectum.....	18			x	x						9 in.	May, June
—macranthum violaceum.....	18			x					x		9 in.	May, June
—niveum.....	18			x	x						9 in.	April-July
—pinnatum colchicum.....	18		x	x				x			9 in.	April-July
—sulphureum.....	18		x	x				x			9 in.	April-July
<i>Erica</i> (Heath)..... Assorted	18		x	x							6 in.-1 ft.	June-Sept.
—carnea.....	18		x	x							6 in.	July, Aug.
—Mackayana plena.....	18		x	x		x					6 in.	July, Aug.
—stricta (Corsican Heath).....	18		x	x		x					6 in.-1 ft.	July-Sept.
—stricta erecta.....	18		x	x		x					1 ft.	July, Aug.
—Tetralix.....	18		x	x	x						6 in.-1 ft.	July, Aug.
—vagans alba (Cornish Heath).....	18		x	x	x						6 in.-1 ft.	July, Aug.
—vagans rubra.....	18		x	x			x				6 in.-1 ft.	July, Aug.
—vulgaris (Scotch Heather).....	18		x	x		x					6 in.-1 ft.	July, Aug.
—vulgaris alba (White Heather).....	18		x	x	x						6 in.-1 ft.	July, Aug.
—vulgaris Alportii (Crimson Heather).....	18		x	x			x				6 in.-1 ft.	July, Aug.
—vulgaris aurea.....	18		x	x		x					6 in.-1 ft.	July, Aug.
—vulgaris compacta.....	18		x	x		x					9 in.	July, Aug.
<i>Erigeron elatior antwerpia</i> .....	19	x	x					x			2-3 ft.	June, July
—elatior antwerpia gigantea alba.....	19	x			x						2-3 ft.	June, July
—, Amos Perry.....	19	x							x		1 ft.	June-Oct.
—glabellus.....	19	x			x				x		1½-2 ft.	June, July
—macranthus.....	19	x							x		1½ ft.	July, Aug.
—, Quakeress.....	19	x								x	2 ft.	June-Oct.
—speciosus (Fleabane).....	19	x							x		2 ft.	June, July
<i>Erinus alpinus</i> .....	19			x		x					6 in.	April, May
<i>Erodium Manescavii</i> (Stork's or Heron's Bill).....	19	x					x				1-1½ ft.	June, July
<i>Eryngium alpinum</i> (Sea Holly).....	19	x		x					x		2 ft.	July, Aug.
—maritimum.....	19	x		x					x		1 ft.	July, Aug.
—Oliverianum.....	19	x		x					x		3 ft.	July, Aug.
—planum.....	19	x		x					x		2 ft.	July, Aug.
—celestinum.....	19	x		x					x		2 ft.	July-Sept.
—, Springhill Seedlings.....	19	x		x					x		3 ft.	July, Aug.
<i>Eupatorium celestinum</i> (Mist Flower).....	19	x							x		2 ft.	Aug.-Oct.
—purpureum.....	19	x							x		6-7 ft.	July-Sept.
—urticæfolium.....	19	x			x						4-5 ft.	Aug., Sept.
<i>Euphorbia corollata</i> (Flowering Spurge).....	19	x			x						2-3 ft.	July, Aug.
—polychroma.....	19	x						x			2 ft.	April, May
<b>Ferns, Hardy.</b>												
— <i>Adiantum pedatum</i> .....	19			x							1 ft.	
— <i>Asplenium Filixfemina</i> .....	19			x							2-3 ft.	
— <i>Filix-femina Craigii</i> .....	20			x							1-1½ ft.	



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<b>Ferns, continued</b>												
<i>Asplenium multifidum</i> .....	20			x							1 ft.	
— <i>Victoria</i> .....	20			x							1 ft.	
<i>Dennstaedtia punctilobula</i> .....	20			x							1-1½ ft.	
<i>Dryopteris cristata</i> .....	20			x							1 ft.	
— <i>Filix-mas</i> .....	20			x							1-1½ ft.	
— <i>Filix-mas cristata</i> .....	20			x							1-1½ ft.	
— <i>Filix-mas fluctuosa</i> .....	20			x							1 ft.	
— <i>Goldiana</i> .....	20			x							4 ft.	
— <i>marginalis</i> .....	20			x							1-2 ft.	
— <i>noveboracensis</i> .....	20			x							1-2 ft.	
— <i>spinulosa</i> .....	20			x							1-1½ ft.	
— <i>Thelypteris</i> .....	20			x							1 ft.	
<i>Matteuccia Struthiopteris</i> .....	20			x							2 ft.	
<i>Onoclea sensibilis</i> .....	20			x							1 ft.	
<i>Osmunda cinnamomea</i> .....	20		x	x							2-3 ft.	
— <i>Claytoniana</i> .....	20		x	x							2-3 ft.	
— <i>regalis</i> .....	20		x	x							2-3 ft.	
<i>Polystichum acrostichoides</i> .....	20			x							1 ft.	
<i>Filipendula</i> . See <i>Ulmaria</i> .												
<i>Funkia</i> ( <i>Hosta</i> ).....	Assorted..	20		x							1-2 ft.	July, Aug.
— <i>alba marginata</i> .....	20			x					x		1-2 ft.	July, Aug.
— <i>Fortunei</i> .....	20			x					x		1-2 ft.	July, Aug.
— <i>cærulea</i> .....	20			x					x		1-2 ft.	July, Aug.
— <i>subcordata grandiflora</i> .....	20			x	x						1-2 ft.	July, Aug.
— <i>undulata media</i> var.....	20			x					x		1-2 ft.	July, Aug.
— <i>variegata</i> .....	20			x					x		1-2 ft.	July, Aug.
<i>Gaillardia aristata</i> ( <i>Blanket Flower</i> ).....	20	x					x				1½ ft.	May-Nov.
— <i>maxima</i> .....	Assorted..	20	x								1-2 ft.	May-Nov.
— <i>Portola</i> . New.....	20	x					x				2½-3 ft.	May-Nov.
<i>Galega officinalis</i> ( <i>Goat's Rue</i> ).....	20	x							x		3-4 ft.	July
— <i>officinalis alba</i> .....	20	x			x						3-4 ft.	July
<i>Galium boreale</i> ( <i>Northern Bedstraw</i> ).....	20	x			x						1½ ft.	May-July
<i>Gaultheria procumbens</i> ( <i>Wintergreen</i> ).....	20	x			x						3-6 in.	May, June
<i>Gentiana acaulis</i> ( <i>Stemless Gentian</i> ).....	20			x					x		4 in.	Mar.-May
— <i>Andrewsii</i> ( <i>Closed or Bottle Gentian</i> ).....	20	x		x					x		1½-2 ft.	Aug., Sept.
— <i>thibetica</i> .....	20			x	x						1-2 ft.	May
<i>Geranium armenum</i> ( <i>Crane's Bill</i> ).....	21						x				1½ ft.	May-July
— <i>platypetalum</i> .....	21			x					x		6 in.-1 ft.	July, Aug.
— <i>sanguineum album</i> .....	21			x	x						1½ ft.	May-July
<i>Gerbera Jamesonii</i> ( <i>Transvaal Daisy</i> ).....	21	x					x				2½ ft.	Autumn
<i>Geum atrosanguineum</i> ( <i>Avens</i> ).....	21	x					x				1-2 ft.	May-July
— <i>coccineum</i> .....	21	x					x				1 ft.	June-Aug.
— <i>coccineum</i> , Mrs. J. Bradshaw.....	21	x					x				2 ft.	June-Sept.
— <i>Heldreichii</i> .....	21	x						x			1½ ft.	May-July
<i>Gillenia trifoliata</i> ( <i>Bowman's Root</i> ).....	21			x	x						3 ft.	May-July
<i>Globularia trichosantha</i> ( <i>Globe Daisy</i> ).....	21	x		x					x		6 in.	May, June
<b>Grasses.</b>												
<i>Arrhenatherum elatius tuberosum variegatum</i> .....	21	x									6-8 in.	
<i>Arundo Donax</i> ( <i>Great Reed</i> ).....	21	x									15 ft.	
<i>Elymus glaucus</i> ( <i>Blue Lyme Grass</i> ).....	21	x			x						3 ft.	
<i>Erianthus Ravennæ</i> ( <i>Plume Grass</i> ).....	21	x									5-7 ft.	
<i>Festuca glauca</i> .....	21	x									1 ft.	
— <i>Miscanthus sinensis</i> .....	21	x									5-6 ft.	
— <i>sinensis gracillimus</i> .....	21	x									5-6 ft.	
— <i>sinensis variegata</i> .....	21	x									4-6 ft.	
— <i>sinensis zebrinus</i> .....	21	x									5-6 ft.	
<i>Pennisetum japonicum</i> .....	21	x					x				3 ft.	
<i>Phalaris arundinacea picta</i> ( <i>Variegated Ribbon Grass</i> ).....	21	x									2-3 ft.	
<i>Uniola latifolia</i> ( <i>Spike Grass</i> ).....	21	x									3-4 ft.	
<b>Bamboos, Arundinaria japonica</b> ( <i>Japanese Bamboo</i> ).....												
21	x			x							6-10 in.	
<i>Gypsophila paniculata</i> ( <i>Baby's Breath</i> ).....	21	x			x						2-3 ft.	June, July
— <i>paniculata fl.-pl.</i> .....	22	x			x						2-3 ft.	July, Aug.
— <i>repens</i> .....	22	x		x	x	x					6 in.	June, July
— <i>repens monstrosa</i> .....	22	x		x	x	x					1 ft.	July, Aug.
<i>Helenium autumnale</i> , <i>Gartensoenne</i> .....	22	x						x			2-4 ft.	Sept., Oct.
— <i>autumnale superbum</i> ( <i>Sneeze-weed</i> ).....	22	x						x			4-5 ft.	Aug., Sept.
— <i>autumnale rubrum</i> .....	22	x						x			5 ft.	Aug., Sept.
— <i>autumnale</i> , <i>Riverton Beauty</i> .....	22	x						x			5 ft.	Aug., Sept.
— <i>autumnale</i> , <i>Riverton Gem</i> .....	22	x						x			5 ft.	Aug., Sept.
— <i>Hoopesii</i> .....	22	x						x			2-3 ft.	May, June
<i>Helianthemum Chamæcistus mutabile</i> ( <i>Rock Rose</i> ).....	22	x				x					6 in.-1 ft.	May-July
—, <i>Aureum</i> .....	22	x						x			6 in.-1 ft.	May-July
—, <i>Ball of Fire</i> .....	22	x					x				6 in.-1 ft.	May-July



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<i>Helianthemum</i> , Bride.....	22	x			x						6 in.-1 ft.	May-July
—, <i>Macranthum</i> .....	22	x			x						6 in.-1 ft.	May-July
—, <i>Mrs. Earle</i> .....	22	x			x		x				6 in.-1 ft.	May-July
—, <i>Proceux</i> .....	22	x			x						6 in.-1 ft.	May-July
—, <i>Rosy Gem</i> .....	22	x				x					6 in.-1 ft.	May-July
—, <i>Sudberry Gem</i> .....	22	x								x	6 in.-1 ft.	May-July
<i>Helianthus</i> (Hardy Sunflower).....	22	x									4-10 ft.	Aug.-Nov.
— <i>decapetalus multiflorus</i> , <i>Soleil d'Or</i> .....	22	x						x			4-5 ft.	Aug., Sept.
— <i>Maximilianii</i> .....	22	x						x			6-8 ft.	Oct., Nov.
— <i>mollis</i> .....	22	x						x			5 ft.	Aug., Sept.
— <i>orgyalis</i> .....	22	x						x			8-10 ft.	August
— <i>tuberosa</i> (Jerusalem Artichoke).....	22	x						x			5-6 ft.	Aug., Sept.
—, <i>Wolley Dod</i> .....	22	x						x			6-8 ft.	Aug., Sept.
<i>Helleborus niger</i> (Christmas Rose).....	22		x	x	x						1 ft.	Feb., Mar.
<i>Heliopsis helianthoides</i> <i>Pitcheriana</i> .....	22	x									3-4 ft.	July-Sept.
— <i>helianthoides semiplena</i> .....	22	x						x			3-4 ft.	July-Sept.
<i>Hemerocallis aurantiaca major</i> (Great Orange Day Lily).....	22	x						x			3 ft.	July, Aug.
— <i>aureole</i> .....	22	x						x			3 ft.	May-July
— <i>citrina</i> .....	22	x						x			3 ft.	June, July
— <i>Dumortieri</i> .....	22	x						x			2 ft.	May, June
— <i>flava</i> .....	22	x						x			3 ft.	May
— <i>flava major</i> .....	22	x						x			3 ft.	May
— <i>Florham</i> .....	22	x						x			3 ft.	June, July
— <i>fulva</i> (Tawny Day Lily).....	22	x						x			2-3 ft.	July, Aug.
— <i>fulva Kwanso</i> .....	22	x						x			2-3 ft.	June-Aug.
— <i>hybrida</i> , <i>Gold Dust</i> .....	22	x						x			3 ft.	June
— <i>hybrida</i> , <i>Sovereign</i> .....	22	x						x			2-3 ft.	June, July
— <i>Middendorfi</i> .....	22	x						x			2-3 ft.	June, July
— <i>Thunbergii</i> .....	22	x						x			3 ft.	July, Aug.
<i>Hepatica angulosa</i> (Liverleaf).....	Assorted			x							4-6 in.	April, May
— <i>triloba</i> .....	23			x					x		4-6 in.	April, May
<i>Heracleum villosum</i> (Giant Parsnip).....	23	x			x						8-10 ft.	July, Aug.
<i>Hesperis matronalis</i> (Sweet Rocket).....	23	x			x	x					2 ft.	May, June
<i>Heuchera brizoides</i> (Alum Root).....	23	x		x	x						1½ ft.	May-Sept.
—, <i>Edge Hall Hybrid</i> .....	23					x					1½ ft.	May-Sept.
—, <i>Flambeau</i> .....	23	x		x			x				1-2 ft.	May-Sept.
—, <i>La Perle</i> .....	23	x					x				1½ ft.	May-Sept.
—, <i>Perry's White</i> .....	23	x		x	x						1-2 ft.	May-Sept.
—, <i>Pluie de Feu</i> .....	23	x		x			x				1-2 ft.	June, July
—, <i>Rosmondi</i> .....	23	x		x		x					2 ft.	June-Sept.
— <i>sanguinea</i> .....	23	x		x			x				1½ ft.	May-Sept.
— <i>sanguinea gracillima</i> .....	23	x		x		x					1-1½ ft.	May-Sept.
— <i>sanguinea hybrida</i> .....	Assorted			x							1½ ft.	May-Sept.
— <i>sanguinea splendens</i> (Crimson Bells).....	23	x		x			x				1-2 ft.	May-Sept.
<i>Hibiscus</i> , <i>Mallow Marvels</i> .....	23	x			x	x	x				4-6 ft.	Aug., Sept.
— <i>Moscheutos</i> (Swamp Rose-Mallow).....	23	x				x					5-6 ft.	Aug., Sept.
— <i>Moscheutos Hybrids</i> .....	Assorted					x					4-6 ft.	Aug., Sept.
— <i>oculiroseus</i> .....	23	x			x						5-6 ft.	Aug., Sept.
<i>Hosta</i> . See <i>Funkia</i> .												
<i>Hypericum calycinum</i> (Aaron's Beard).....	23	x						x			1 ft.	August
— <i>Moserianum</i> (Gold Flower).....	23	x						x			1½ ft.	June-Sept.
<i>Iberis</i> (Hardy Candytuft).....	23	x			x						6 in.-1 ft.	April, May
— <i>gibraltarica</i> .....	23	x							x		1 ft.	May
— <i>sempervirens</i> .....	23	x			x						10 in.	April, May
— <i>sempervirens</i> , <i>Little Gem</i> .....	23	x			x						6 in.	April
<i>Incarvillea Delavayi</i> .....	23			x		x					1½ ft.	June
<i>Inula ensifolia</i> (Fleabane).....	23	x						x			8 in.	July-Sept.
— <i>glandulosa</i> .....	23	x						x			3-4 ft.	July, Aug.
<i>Iris</i> .....	Assorted										9 in.-3 ft.	May, June
— <i>germanica</i> .....	Assorted										9 in.-3 ft.	May
— <i>Intermediate</i> , <i>New Hybrids</i> .....	Assorted										9 in.-3 ft.	May
— <i>pumila</i> and <i>Hybrids</i> .....	Assorted										9 in.-3 ft.	May
— <i>lævigata</i> (Kaempferi).....	Assorted			x							9 in.-3 ft.	June
— <i>Various Irises</i> .....	Assorted			x							9 in.-3 ft.	May, June
<i>Kniphofia</i> . See <i>Tritoma</i> .												
<i>Lamium maculatum</i> .....	30	x							x		10 in.	July, Aug.
<i>Lathyrus latifolius</i> (Everlasting Pea).....	30	x				x					3 ft.	June-Aug.
— <i>latifolius albus</i> .....	30	x			x						3 ft.	June-Aug.
— <i>latifolius</i> , <i>Pink Beauty</i> .....	30	x				x					3 ft.	June-Aug.
— <i>latifolius roseus</i> .....	30	x				x					3 ft.	June-Aug.
— <i>latifolius</i> , <i>Rose Queen</i> .....	30	x				x					2 ft.	June-Aug.
— <i>latifolius</i> , <i>White Pearl</i> .....	30	x			x						2-3 ft.	June-Aug.
<i>Lavandula vera</i> (Sweet Lavender).....	30	x							x		1½ ft.	July-Sept.
<i>Lavatera cachmeriana</i> .....	30	x				x					3 ft.	July
<i>Leontopodium alpinum</i> (Edelweiss).....	30			x							5 in.	June, July
<i>Lespedeza bicolor</i> (Bush Clover).....	49	x				x					4-7 ft.	Aug., Sept.





	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
Lespedeza Sieboldii.....	49	x					x				3-5 ft.	Sept., Oct.
Liatris pycnostachya (Kansas Gay Feather).....	30	x							x		4-5 ft.	July, Aug.
—scariosa.....	30	x							x		3-4 ft.	Aug., Sept.
—spicata (Button Snakeroot).....	30	x							x		2-3 ft.	July-Sept.
Lilium (Hardy Lilies)..... Assorted.....	30	x										June-Sept.
—auratum (Golden-banded Lily).....	30	x			x						3 ft.	July, Aug.
—Batemanii.....	30	x					x				2 ft.	July, Aug.
—Brownii.....	30	x								x	2-3 ft.	July, Aug.
—canadense.....	30	x						x			2 ft.	July, Aug.
—canadense flavum.....	30	x						x			2-3 ft.	June-Aug.
—canadense rubrum.....	30	x					x				2-3 ft.	June-Aug.
—candidum (Madonna Lily).....	30	x			x						1-2 ft.	July, Aug.
—chalcedonicum (Scarlet Turk's-Cap Lily).....	30	x					x				2 ft.	July, Aug.
—croceum (The Orange Lily).....	31	x						x			3 ft.	June, July
—dauricum.....	31	x						x			2-3 ft.	June, July
—dauricum incomparabile.....	31	x					x				2-3 ft.	June, July
—elegans.....	31	x					x				1-2 ft.	June, July
—elegans, Orange.....	31	x						x			1½ ft.	June, July
—elegans atrosanguineum.....	31	x					x				1-1½ ft.	June, July
—elegans grandiflorum.....	31	x						x			1-2 ft.	June
—elegans, Orange.....	31	x						x			1½ ft.	June, July
—elegans, Prince of Orange.....	31	x						x			6-9 in.	June
—giganteum.....	31				x						1-2 ft.	July, Aug.
—Hansonii.....	31	x					x	x			1-3 ft.	June, July
—Henryi.....	31	x						x			4-6 ft.	June, July
—Martagon (Turban Lily).....	31	x							x		3 ft.	June, July
—pardalinum (Panther Lily).....	31	x					x	x			3-6 ft.	June-Aug.
—philadelphicum.....	31	x					x				2-3 ft.	June, July
—regale.....	31	x			x						1-2 ft.	June, July
—speciosum album.....	31	x			x						2 ft.	Aug., Sept.
—speciosum roseum.....	31	x			x						2 ft.	Aug., Sept.
—speciosum rubrum.....	31	x					x				2 ft.	Aug., Sept.
—superbum.....	31	x					x				2 ft.	June, July
—tigrinum (Tiger Lily).....	31	x						x			2-5 ft.	July, Aug.
—tigrinum Fortunei.....	31	x						x			2-4 ft.	July, Aug.
—tigrinum fl.-pl.....	31	x						x			2-4 ft.	July, Aug.
—tigrinum splendens.....	31	x						x			3-4 ft.	Aug., Sept.
—tenuifolium (Tom Thumb Lily).....	31	x						x			1-2 ft.	June, July
—umbellatum erectum.....	31	x					x				1-2½ ft.	June, July
—umbellatum fulgidum.....	31	x						x			1-2½ ft.	June, July
—umbellatum grandiflorum.....	31	x						x			1-2½ ft.	June, July
—umbellatum incomparabile.....	31	x					x				1-2½ ft.	June, July
—umbellatum maculatum.....	31	x						x			1-2½ ft.	June, July
—Washingtonianum.....	31	x			x						2-3 ft.	July
—Willmottiae.....	31	x						x			2-3 ft.	July
Linaria hepaticæfolia (Toad Flax).....	32			x					x		2-3 in.	May, June
Linum flavum.....	32	x						x			1 ft.	June, July
—perenne.....	32	x							x		1½ ft.	May-Aug.
—perenne album.....	32	x			x						1½ ft.	May-Aug.
Lithospermum, Heavenly Blue.....	32			x					x		4 in.	June-Sept.
Lobelia cardinalis (Cardinal Flower).....	32	x		x			x				3 ft.	July, Aug.
—syphilitica.....	32	x		x					x		3 ft.	Aug., Sept.
Lupinus polyphyllus (Lupine).....	32	x							x		4-5 ft.	June, July
—polyphyllus albiflorus.....	32	x			x						4-5 ft.	June, July
—polyphyllus, Imperial.....	32	x							x		4-5 ft.	June, July
—polyphyllus Moerheimii.....	32	x				x					3 ft.	June, July
—, Downer's Hybrids..... Assorted.....	32	x									3-5 ft.	June, July
Lychnis alpina.....	32	x					x				6 in.	April
—Arkwrighti.....	32	x					x				6 in.—1 ft.	April
—chalcedonica.....	32	x					x				2 ft.	June, July
—chalcedonica alba.....	32	x			x						2 ft.	June, July
—Flos-cuculi (Ragged Robin).....	32	x					x				1-2 ft.	May-Aug.
—Haageana.....	32	x					x				1 ft.	May, June
—viscaria splendens fl.-pl. (German Catchfly).....	32	x					x				1 ft.	May, June
Lycoris squamigera.....	32	x				x					2 ft.	July
Lysimachia ciliata (Fringed Loosestripe).....	32	x						x			2 ft.	July, Aug.
—clethroides (Japanese Loosestripe).....	32	x			x						2 ft.	July-Sept.
—Nummularia (Creeping Jenny; Moneywort).....	32	x						x			2-3 in.	June, July
Lythrum Scalicaria roseum, Perry's Variety.....	32	x					x				2-3 ft.	July-Sept.
—Salicaria roseum, Rose Queen.....	32	x				x					2-3 ft.	July-Sept.
—Salicaria roseum superbum (Loosestripe).....	32	x				x					3-4 ft.	July-Sept.
Malva moschata (Musk Mallow).....	32	x				x					1-2 ft.	June-Sept.
—moschata alba.....	32	x			x						1-2 ft.	June-Sept.
Mazus rugosus.....	32	x		x							3 in.	Aug., Sept.
Mentha rotundifolia variegata (Variegated Mint).....	32	x							x		1-2 ft.	June-Sept.
Menziesia polifolia.....	32				x				x		1½ ft.	July-Oct.
—polifolia alba.....	32				x						1½ ft.	July-Oct.



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<i>Mertensia virginica</i> (Bluebell).....	32	x		x					x		1½ ft.	May, June
<i>Monarda didyma</i> (Oswego Tea).....	33	x					x				3 ft.	June-Aug.
— <i>didyma rosea</i> .....	33	x				x					3 ft.	June-Aug.
— <i>didyma salmonea</i> .....	33	x				x					3 ft.	June-Aug.
— <i>didyma violacea superba</i> .....	33	x					x				3 ft.	June-Aug.
— <i>fistulosa alba</i> .....	33	x			x						3 ft.	July
<i>Montbretia</i> (( <i>Tritonia</i> )).....	33	x						x			2-3 ft.	July-Sept.
— <i>crocsmæflora</i> .....	33	x						x			2-3 ft.	July-Sept.
—, <i>Etoile de Feu</i> .....	33	x					x				2-3 ft.	July-Sept.
—, <i>George Davison</i> .....	33	x						x			2-3 ft.	July-Sept.
—, <i>Germania</i> .....	33	x					x				2-3 ft.	July-Sept.
—, <i>Martagon</i> .....	33	x						x			2-3 ft.	July-Sept.
—, <i>Rayon d'Or</i> .....	33	x						x			2-3 ft.	July-Sept.
<i>Muehlenbeckia nana</i> .....	33			x							2-3 in.	July-Sept.
<i>Myosotis alpestris robusta grandiflora</i> (Forget-me-not).....	33											
— <i>scorpioides semperflorens</i> .....	33			x					x		8 in.	May, June
—, <i>Nixenauge</i> .....	33			x					x		10 in.	May-Sept.
<i>Nepeta hederacea</i> (Glechoma).....	33	x							x		5 in.	May, June
— <i>hederacea variegata</i> .....	33	x							x		5 in.	May, June
—, <i>Mussinii</i> .....	33	x								x	8 in.	April-June
<i>Nierembergia rivularis</i> (White-Cup).....	33	x			x						8 in.	June-Aug.
<i>Oenothera fruticosa</i> (Sundrops).....	33	x						x			1-3 ft.	June-Aug.
— <i>fruticosa Youngii</i> .....	33	x						x			2 ft.	June-Aug.
— <i>missouriensis</i> .....	33	x						x			10 in.	June-Aug.
— <i>speciosa</i> .....	33	x			x						1½ ft.	Aug., Sept.
<i>Omphalodes verna alba</i> .....	33		x		x						6 in.	May-Sept.
<i>Orobis lathyroides</i> .....	33	x							x		1½ ft.	May, June
— <i>vernus</i> .....	33	x							x		1½ ft.	May, June
<b>Peonies. See Descriptive List.</b> .....	Assorted										1-4 ft.	May, June
— <i>Japanese</i> .....	Assorted										1-4 ft.	May, June
— <i>Single</i> .....	Assorted										1-4 ft.	May, June
— <i>Pæonia officinalis</i> .....	Assorted										2-3 ft.	May, June
— <i>Pæonia suffruticosa</i> (Arborea).....	Assorted										3-4 ft.	May, June
<i>Pachysandra terminalis</i> .....	38		x		x						6-9 in.	May, June
<i>Papaver nudicaule</i> (Poppy).....	Assorted										1 ft.	May-Aug.
— <i>orientale</i> (Oriental Poppy).....	38	x					x				2-3 ft.	July-Sept.
— <i>atrosanguinea maxima</i> .....	38	x					x				2-3 ft.	July-Sept.
—, <i>Brightness</i> .....	38	x					x				2-3 ft.	July-Sept.
—, <i>Cerise Dwarf</i> .....	38	x					x				9 in.	July-Sept.
—, <i>Goliath</i> .....	38	x					x				2-3 ft.	July-Sept.
—, <i>Mahogany</i> .....	38	x					x				2-3 ft.	July-Sept.
—, <i>Mrs. J. Harkness</i> .....	38	x				x					2-3 ft.	July-Sept.
—, <i>Mrs. J. Perry</i> .....	38	x				x					2-3 ft.	July-Sept.
—, <i>Oriflamme</i> .....	38	x					x				2-3 ft.	July-Sept.
—, <i>Perry's White</i> .....	38	x			x						2-3 ft.	July-Sept.
—, <i>Prince of Orange</i> .....	38	x					x				2-3 ft.	July-Sept.
—, <i>Princess Victoria Louise</i> .....	38	x				x					2-3 ft.	July-Sept.
<i>Pardanthus chinensis</i> (Blackberry Lily).....	38	x						x			3 ft.	July, Aug.
<i>Paradisea. See Anthericum</i> ( <i>Lilium majus</i> ).....												
<i>Pentstemon barbatus Torreyi</i> (Beard Tongue).....	38	x					x				4 ft.	June-Aug.
— <i>digitalis</i> .....	38	x							x		2-3 ft.	June, July
<i>Phlox decussata</i> .....	Assorted										2-3 ft.	June-Oct.
— <i>Albion</i> .....	41				x						2-3 ft.	June-Oct.
— <i>America</i> .....	41					x					2-3 ft.	June-Oct.
— <i>Antonin Mercie</i> .....	41							x			2-3 ft.	June-Oct.
— <i>Baron van Heeckeren</i> .....	41					x					2-3 ft.	June-Oct.
— <i>Baron von Dedem</i> .....	41						x				2-3 ft.	June-Oct.
— <i>B. Comte</i> .....	41							x			2-3 ft.	June-Oct.
— <i>Beacon</i> .....	41						x				2-3 ft.	June-Oct.
— <i>Bridesmaid</i> .....	41				x						2-3 ft.	June-Oct.
— <i>Champs Elysees</i> .....	41							x			2-3 ft.	June-Oct.
— <i>Comet</i> .....	41					x					2-3 ft.	June-Oct.
— <i>Commander-in-Chief</i> .....	41						x				2-3 ft.	June-Oct.
— <i>Eclairer</i> .....	41						x				2-3 ft.	June-Oct.
— <i>Electra</i> .....	41						x				2-3 ft.	June-Oct.
— <i>Elizabeth Campbell</i> .....	41					x					2-3 ft.	June-Oct.
— <i>Europa</i> .....	41				x						2-3 ft.	June-Oct.
— <i>Evelyn</i> .....	41					x					2-3 ft.	June-Oct.
— <i>Fiance</i> .....	41				x						2-3 ft.	June-Oct.
— <i>Fire Glow</i> .....	41						x				2-3 ft.	June-Oct.
— <i>G. A. Strohlein</i> .....	41						x				2-3 ft.	June-Oct.
— <i>Gen. Van Heutz</i> .....	41						x				2-3 ft.	June-Oct.
— <i>Goliath</i> .....	41						x				2-3 ft.	June-Oct.
— <i>Graf Zeppelin</i> .....	41				x						2-3 ft.	June-Oct.
— <i>Gruppenkonigin</i> .....	41					x					2-3 ft.	June-Oct.
— <i>Helene Vacaresco</i> .....	40				x						2-3 ft.	June-Oct.



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow- Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
Phlox Henri Murger.....	40				x						2-3 ft.	June-Oct.
—Homeland.....	40						x				2-3 ft.	June-Oct.
—Imperator.....	40						x				2-3 ft.	June-Oct.
—Jules Sandeau.....	40										2-3 ft.	June-Oct.
—La Vague.....	40					x					2-3 ft.	June-Oct.
—Louise Abbema.....	40				x						2-3 ft.	June-Oct.
—Marie's Jacob.....	40								x		2-3 ft.	June-Oct.
—Mia Ruys.....	40				x						2-3 ft.	June-Oct.
—Mrs. Ethel Prichard.....	40					x					3 ft.	June-Oct.
—Mrs. Jenkins.....	40				x						2-3 ft.	June-Oct.
—Mrs. Milly van Hoboken.....	40					x					2-3 ft.	June-Oct.
—Mrs. Rutgers.....	40								x		2-3 ft.	June-Oct.
—Mrs. Scholten.....	40					x					2-3 ft.	June-Oct.
—Pantheon.....	40					x					2-3 ft.	June-Oct.
—President Lincoln.....	40						x				2-3 ft.	June-Oct.
—Professor Schliemann.....	41					x					2-3 ft.	June-Oct.
—Rheinlander.....	41					x					2-3 ft.	June-Oct.
—Rosenburg.....	41				x		x				2-3 ft.	June-Oct.
—R. P. Struthers.....	41						x				2-3 ft.	June-Oct.
—Rynstroom.....	41					x					2-3 ft.	June-Oct.
—September Glow.....	41						x				2-3 ft.	June-Oct.
—Tapis Blanc.....	41				x						2-3 ft.	June-Oct.
—Terre Neuve.....	41	x							x		2-3 ft.	June-Oct.
—Thor.....	41	x				x					2-3 ft.	June-Oct.
—Vald Jensen.....	41	x					x				2-3 ft.	June-Oct.
—Viking.....	41	x				x					2-3 ft.	June-Oct.
—Wala.....	41	x			x						2-3 ft.	June-Oct.
—Wanadis.....	41	x			x				x		2-3 ft.	June-Oct.
—W. C. Egan.....	41	x					x		x		2-3 ft.	June-Oct.
—William Ramsey.....	41	x						x			2-3 ft.	June-Oct.
Phlox Arendsii Hybrids.....	41	x						x			2-3 ft.	May-July
—Helene.....	41	x							x		2-3 ft.	May-July
—Louise.....	41	x							x		2-3 ft.	May-July
Phlox amœna.....	41	x				x					4-6 in.	April-May
—divaricata.....	41	x		x					x		10 in.	May
—divaricata alba.....	41										10 in.	May
—divaricata Laphamii, Perry's Variety.....	41	x		x					x		1 ft.	May
—ovata.....	41	x					x				1-1½ ft.	June, July
—pilosa splendens.....	41	x				x					1 ft.	May
—subulata (Moss Pink).....	41	x				x					3-6 in.	April, May
—subulata alba.....	41	x			x						3-6 in.	April, May
—subulata atropurpurea.....	41	x				x					3-6 in.	April, May
—subulata lilacina.....	41	x							x		3-6 in.	April, May
—subulata Moerheimii.....	41	x					x				3-6 in.	April, May
—subulata Nelsoni.....	41	x			x						3-6 in.	April, May
—subulata, Newery Seedling.....	41	x								x	3-6 in.	April, May
—subulata rosea.....	41	x				x					3-6 in.	April, May
—subulata, Sensation.....	41	x									3-6 in.	April, May
—subulata, The Bride.....	41	x			x						3-6 in.	April, May
—subulata, Vivid.....	41	x					x				3-6 in.	April, May
—suffruticosa, Magnificence.....	41	x					x				1-2 ft.	April, May
—suffruticosa, Miss Lingard.....	41	x			x						1-3 ft.	April, May
Physalis Franchetii (Chinese Lantern Plant).....	41	x						x			2 ft.	April, May
Physostegia virginiana (False Dragonhead).....	41	x				x					2-3 ft.	June, July
—virginiana alba.....	41	x			x						2-3 ft.	June, July
—virginiana grandiflora.....	41	x			x						10-12 in.	Aug., Sept.
Platycodon.....	41	x			x				x		1-2 ft.	Summer
—grandiflorum (Balloon Flower).....	41	x							x		1-2 ft.	June, July
—grandiflorum album.....	41	x			x						1-2 ft.	June, July
—grandiflorum Mariesi.....	41	x							x		1 ft.	June, July
Plumbago Larpentæ (Blue Leadwort).....	41	x							x		6-12 in.	Aug., Sept.
Plumus tuberosa.....	41	x							x		6-7 ft.	June, July
Podophyllum peltatum (May Apple).....	41			x	x			x				April, May
Polemonium humile (Jacob's Ladder).....	41	x							x		1-1½ ft.	June, July
—humile album.....	41	x			x						1-1½ ft.	June, July
—reptans (Greek Valerian).....	41	x							x		8-12 in.	April, May
Polygonatum multiflorum (Solomon's Seal).....	42			x	x						2 ft.	May, June
Polygonum Sieboldii.....	42	x			x						3-5 ft.	Aug., Sept.
Potentilla Hybrids (Cinquefoil).....	42	x									1-2 ft.	June-Sept.
—, Beelzebub.....	42	x					x				1-2 ft.	June-Sept.
—, Carnival.....	42	x					x				1-2 ft.	June-Sept.
—, Duchesse.....	42	x					x				1-2 ft.	June-Sept.
—, Fairy Queen.....	42	x					x				1-2 ft.	June-Sept.
—, formosa.....	42	x					x				1½ ft.	July, Aug.
—, imbricata.....	42	x					x				1-2 ft.	June-Sept.
—, L'Archeron.....	42	x					x				1-2 ft.	June-Sept.
—, Monsieur Rouillard.....	42	x					x				1-2 ft.	June-Sept.



	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
Potentilla, Panorama.....	42	x						x			1-2 ft.	June-Sept.
—purpurea plena.....	42	x								x	1-2 ft.	June-Sept.
—, Toussaint l'Ouverture.....	42	x								x	1-2 ft.	June-Sept.
—variabilis plena.....	42	x					x				1-2 ft.	June-Sept.
—, Vase d'Or.....	42	x						x			1-2 ft.	June-Sept.
Primula acaulis (Primrose).....	42			x				x			6-9 in.	April, May
—japonica.....	42			x			x				9 in.	June
—veris superba.....	42			x			x				6-9 in.	April, May
Prunella grandiflora (Large Self-Heal).....	42	x							x		1 ft.	June, July
Pulmonaria angustifolia azurea (Lungwort).....	42	x							x		1 ft.	April, May
—saccharata (Bethlehem Sage).....	42			x		x					1-1½ ft.	May, June
Pyrethrum..... Assorted.....	42	x									1-3 ft.	June-Aug.
—Single, Cactus.....	42	x				x					1-3 ft.	June-Aug.
—Double, Dainty.....	42	x				x					1-3 ft.	June-Aug.
—Double, Purity.....	42	x			x						1-3 ft.	June-Aug.
—Double, Rosy Morn.....	42	x				x					1-3 ft.	June-Aug.
—Double, Sylvia.....	42	x				x					1-3 ft.	June-Aug.
—roseum.....	42	x			x	x					2½ ft.	May, June
—uliginosum (Giant Daisy).....	42	x			x						4-5 ft.	Aug., Sept.
Rudbeckia laciniata, Golden Glow (Coneflower).....	42	x						x			6-8 ft.	June-Sept.
—maxima.....	42	x						x			6-8 ft.	June-Sept.
—purpurea (Purple Coneflower).....	42	x							x		3-4 ft.	July-Oct.
—speciosa.....	42	x						x			2 ft.	June-Oct.
—subtomentosa.....	42	x						x			4-5 ft.	July-Oct.
Salvia azurea grandiflora.....	42	x							x		3-4 ft.	Aug., Sept.
—Greggii.....	42	x					x				2 ft.	July-Oct.
—pratensis.....	42	x							x		2 ft.	June, July
—nemorosa.....	42	x							x		2 ft.	May, June
Sanguinaria canadensis (Bloodroot).....	43		x	x	x						6 in.	April, May
Saponaria ocymoides (Rock Soapwort).....	43	x					x				1 ft.	May-July
—officinalis fl.-pl. (Double Bouncing Bet).....	43	x			x	x					1½ ft.	June-Aug.
Santolina Chamæcyparissus incana (Lavender Cotton).....	43	x									1½ ft.	
Satureia. See Calamintha.												
Saxifraga.....	43			x							½-1 ft.	April-July
—crassifolia.....	43			x		x					1 ft.	April, May
—Pedimontana.....	43		x	x	x						6-8 in.	July
Scabiosa caucasica (Pin-Cushion Flower).....	43	x							x		2-3 ft.	June-Aug.
—caucasica alba.....	43	x			x						2-3 ft.	June-Aug.
—japonica.....	43	x							x		2-3 ft.	June-Sept.
—ochroleuca.....	43	x						x			2-3 ft.	June-Sept.
Scutellaria baicalensis celestina.....	43	x							x		9-12 in.	July, Aug.
Sedum acre (Golden Moss).....	43	x						x			2-3 in.	May-July
—Aizoon.....	43	x						x			1 ft.	July, Aug.
—album.....	43	x			x						2-3 in.	May-July
—cuprium.....	43	x						x			2-3 in.	May-July
—dasyphyllum.....	43			x							2-3 in.	May-July
—kamtschaticum.....	43	x						x			8 in.	July, Aug.
—maximum.....	43	x				x					1 ft.	Aug., Sept.
—maximum atropurpureum.....	43	x				x					1½ ft.	Sept., Oct.
—maximum variegatum.....	43	x				x					1½ ft.	Aug.-Oct.
—Middendorffianum.....	43			x				x			6 in.	July
—sarmentosum.....	43	x									6 in.	May-July
—sexangulare.....	43	x		x				x			4 in.	June-July
—Sieboldii.....	43			x		x					9 in.	Aug., Sept.
—spectabile (Stonecrop).....	43	x				x					1½ ft.	Aug., Sept.
—spectabile atropurpureum.....	43	x					x				6 in.	July-Sept.
—Stahlii.....	43	x									2-3 in.	May-July
—stoloniferum.....	43	x				x					6 in.	July, Aug.
—stoloniferum coccineum.....	43	x					x				6 in.	July, Aug.
—telephium atropurpureum.....	43	x						x			1½ ft.	Aug., Sept.
Sempervivum (Houseleek)..... Assorted.....	44	x									4-12 in.	Sept., Oct.
—Albertii.....	44	x					x				8 in.	Sept., Oct.
—arachnoideum (Cobweb Houseleek).....	44	x		x			x				6 in.	Sept., Oct.
—californicum.....	44	x					x				1 ft.	Sept., Oct.
—fimbriatum.....	44	x					x				½-1 ft.	Sept., Oct.
—globiferum.....	44	x						x			1 ft.	Sept., Oct.
—Pittonii.....	44	x			x						4-6 in.	Sept., Oct.
—tectorum.....	44	x					x				1 ft.	Sept., Oct.
Senecio pulcher.....	44	x							x		2-4 ft.	July, Aug.
Shortia galacifolia.....	44		x	x	x						6-9 in.	May, June
Sidalcea malvæflora Listeri (Pink Beauty).....	44	x				x					3 ft.	June, July
—, Rose Queen.....	44	x				x					2-3 ft.	July, Aug.
—, Rosy Gem.....	44	x				x					1½ ft.	July
Silene alpestris (Alpine Catchfly).....	44			x	x						4-6 in.	May, June
—maritima fl.-pl. ....	44			x	x						6 in.	May, June
—Schafta (Autumn Catchfly).....	44	x				x					4-6 in.	June-Sept.

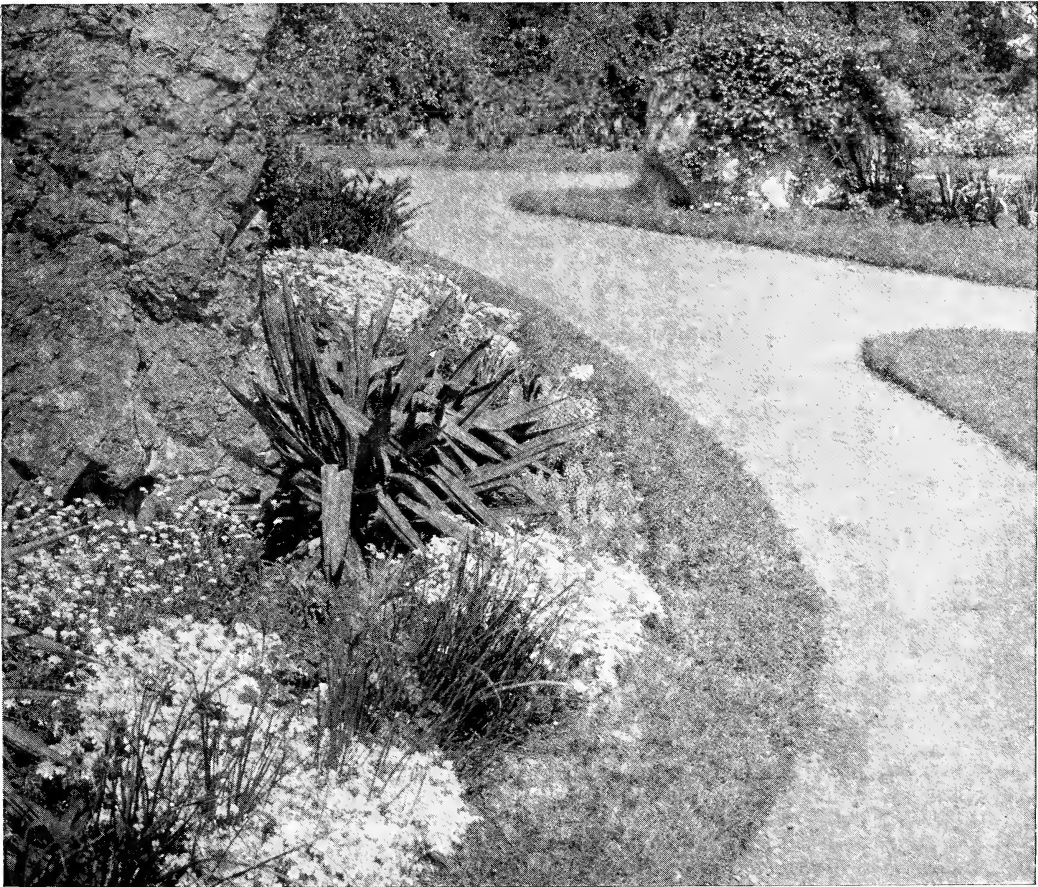


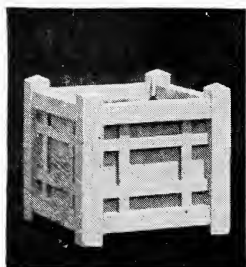
	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
<i>Silphium perfoliatum</i> (Cup Plant).....	44	x						x			6-8 ft.	July-Sept.
<i>Solidago bicolor</i> (Silver Rod).....	44	x			x						1-3 ft.	July-Sept.
— <i>canadensis</i> (Goldenrod).....	44	x						x			4-5 ft.	July-Sept.
<i>Spiraea Aruncus sylvester</i> (Goat's Beard).....	44	x			x						3-5 ft.	June, July
<i>Stachys grandiflora superba</i> (Woundwort).....	44	x							x		1 ft.	June, July
— <i>grandiflora rosea</i> .....	44	x							x		1 ft.	June, July
— <i>lanata</i> (Woolly Woundwort).....	44	x							x		1½ ft.	June, July
<i>Statice latifolia</i> .....	44	x							x		2 ft.	Aug., Sept.
— <i>tatarica</i> .....	44	x					x				1-2 ft.	Aug., Sept.
<i>Stenanthium robustum</i> (Mountain Feather Fleece).....	44	x			x						4-5 ft.	July, Aug.
<i>Stokesia laevis cyanea</i> (Cornflower Aster).....	44	x							x		2 ft.	July-Oct.
— <i>laevis alba</i> .....	44	x							x		2 ft.	July-Oct.
— <i>laevis rosea</i> .....	44	x				x					2 ft.	July-Oct.
<i>Teucrium canadense</i> (American Germander).....	45	x							x		1 ft.	July, Aug.
<i>Thalictrum adiantifolium</i> .....	45	x		x				x			1 ft.	June, July
— <i>aquilegifolium</i> (Meadow Rue).....	45	x		x	x						1-3 ft.	May-July
— <i>aquilegifolium purpureum</i> .....	45	x		x					x		3 ft.	June
— <i>aquilegifolium aurantiacum</i> .....	45	x		x				x			3 ft.	June, July
— <i>diptercarpum</i> .....	45	x		x					x		4 ft.	Aug., Sept.
— <i>glaucum</i> .....	45	x		x				x			2-5 ft.	June, July
— <i>minus</i> .....	45	x		x				x			1-2 ft.	June, July
— <i>paniculatum</i> .....	45	x		x				x			1 ft.	June, July
<i>Thermopsis caroliniana</i> .....	45	x						x			4 ft.	June, July
<i>Thymus Serpyllum</i> (White Mountain Thyme).....	45	x			x						3-4 in.	June, July
— <i>Serpyllum coccineus</i> .....	45	x					x				3-5 in.	June, July
— <i>Serpyllum lanuginosus</i> .....	45	x									5 in.	June-Aug.
— <i>vulgaris</i> (Common Thyme).....	45	x							x		2 ft.	June, July
<i>Tradescantia virginiana</i> (Spiderwort).....	45	x		x					x		2 ft.	May-Aug.
— <i>virginiana alba</i> .....	45	x		x	x						2 ft.	May-Aug.
— <i>coccinea</i> .....	45	x		x			x				2 ft.	May-Aug.
<i>Trillium erectum</i> (Erect Purple Wood Lily).....	45			x					x		1 ft.	May
— <i>grandiflorum</i> (Wake Robin).....	45			x	x						1 ft.	May
<i>Tritoma Pfitzeri</i> .....	45	x					x				2-3 ft.	Aug., Sept.
<i>Tritonia</i> . See <i>Montbretia</i> .												
<i>Trollius asiaticus</i> , Salamander.....	45			x				x			1½ ft.	April-June
— <i>asiaticus</i> , Bessie Walker.....	45			x				x			1½ ft.	May-July
— <i>asiaticus</i> , Canary Bird.....	45			x				x			1½ ft.	April, May
— <i>asiaticus</i> , Earliest of All.....	45			x				x			1½ ft.	April, May
— <i>asiaticus</i> , Empire Day.....	45			x				x			1½ ft.	April, May
— <i>europæus</i> (European Globe Flower).....	45			x				x			2 ft.	May, June
— <i>europæus superbus</i> .....	46			x				x			1½ ft.	April-June
—, <i>Excelsior</i> .....	46			x			x				2 ft.	April-June
— <i>giganteus</i> .....	46			x				x			1½ ft.	April-June
—, <i>Golden Sun</i> .....	46			x				x			1½ ft.	April-June
—, <i>Gold Quelle</i> .....	46			x				x			1½ ft.	April-June
—, <i>His Majesty</i> .....	46			x				x			1-2 ft.	May, June
— <i>japonicus fl.-pl.</i> .....	46			x				x			1-2 ft.	May, June
—, <i>Ledebouri</i> .....	46			x				x			3-4 ft.	May, June
—, <i>Lichtball</i> .....	46			x				x			1½-2 ft.	May, June
—, <i>Orange Globe</i> .....	46			x				x			2 ft.	May, June
—, <i>Orange Princess</i> .....	46			x				x			2 ft.	May, June
<i>Tunica Saxifraga</i> .....	46	x				x					6 in.	July-Sept.
<i>Ulmaria filipendula</i> (Dropwort).....	46	x			x						1½ ft.	May, June
— <i>filipendula fl.-pl.</i> .....	46	x			x						1½ ft.	June, July
— <i>palmata</i> (Crimson Meadow Sweet).....	46	x						x			3 ft.	June, July
— <i>venusta</i> .....	46	x						x			4-5 ft.	June
<i>Valeriana officinalis</i> (Hardy Garden Heliotrope).....	46	x				x					3-5 ft.	June, July
<i>Verbascum</i> (Mullein)..... Assorted.....	46	x									4-8 ft.	June, July
—, <i>A. M. Burnie</i> .....	46	x						x			4 ft.	June, July
— <i>densiflorum</i> .....	46	x						x			4-5 ft.	June, July
—, <i>Hybrid Mars</i> .....	46	x								x	4 ft.	June, July
— <i>Leianthemum</i> .....	46	x						x			5-6 ft.	June, July
— <i>Libani</i> .....	46	x						x			4-5 ft.	June, July
—, <i>Miss Willmott</i> .....	46	x			x						6 ft.	June-Oct.
— <i>olympicum</i> .....	46	x						x			8 ft.	May, June
— <i>vernale</i> .....	46	x						x			4 ft.	June, July
<i>Veronica incana</i> .....	46	x							x		1 ft.	July, Aug.
— <i>longifolia subsessilis</i> .....	46	x		x					x		2 ft.	Aug., Sept.
— <i>pectinata</i> .....	46	x							x		1-1½ ft.	Aug., Sept.
— <i>repens</i> .....	46	x							x		2-4 in.	May
— <i>rupestris</i> , Heavenly Blue.....	46	x							x		½-1 ft.	June, July
— <i>rupestris</i> , Trehani.....	46	x							x		1 ft.	May, June
— <i>spicata</i> .....	46	x							x		1½ ft.	June, July
— <i>spicata alba</i> .....	46	x			x						1½ ft.	June, July
— <i>spicata erica</i> .....	46	x				x					1½ ft.	June, July
— <i>spicata rosea</i> .....	46	x				x					1½ ft.	June, July



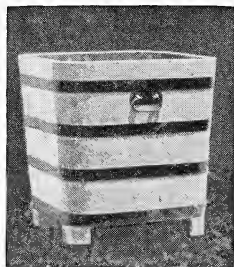


	Page	Sunny	Shady	Semi-Shade	White and Shades	Pink	Red	Yellow-Orange	Blue-Purple	Brown	Approximate Height	Flowering Season
Veronica spuria (amethystina)	46	x							x		2 ft.	May, June
—Teucrium	46	x							x		½-1 ft.	May, June
—Teucrium rupestris	46	x							x		4 in.	May, June
—Teucrium rupestris alba	46	x			x						4 in.	May, June
Vinca minor (Periwinkle)	46			x					x		3 in.	April, May
—argentea variegata	46			x					x		3 in.	May
—minor alba	46			x	x						3 in.	April, May
Vincetoxicum japonicum (Mosquito Plant)	46	x			x						1½ ft.	June
Viola cornuta, G. Wormig	47	x							x		1 ft.	June-Aug.
—gracilis	47							x	x		1 ft.	June-Aug.
Viola, Tufted Pansies	47	x									1½-2 ft.	May-Aug.
—, Admiration	47	x							x		½-1 ft.	May-Aug.
—lutea splendens	47	x						x			½-1 ft.	May-Aug.
—Papilio	47	x							x		½-1 ft.	May-Aug.
—, Snow Queen	47	x			x						½-1 ft.	May-Aug.
—, White Perfection	47	x			x						½-1 ft.	May-Aug.
—, Yellow Gem	47	x						x			½-1 ft.	May-Aug.
Violets, Large Single	47		x	x							3-6 in.	April-June
—, Gov. Herrick	47		x	x					x		3-6 in.	April-June
—, Prince of Wales	47			x					x		3-6 in.	April-June
—, Rose Pearl	47			x		x					3-6 in.	April-June
—, Double	47			x							3-6 in.	April-June
—, Lady Hume Campbell	47			x						x	3-6 in.	April-June
Vitex Agnus-castus (Chaste Tree)	49								x		6-9 ft.	July-Sept.
Yucca filamentosa (Adam's Needle)	47	x			x						4-6 ft.	June, July
—filamentosa variegata	47	x			x						4-6 ft.	June, July
—glauca	47	x			x						3 ft.	June, July

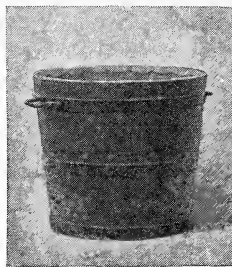




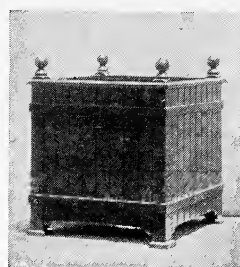
Square Tub No. 13



Square Tub with round corners



Round Tub



Square Tub No. 1

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Much can be said in praise of the wood our tubs are made from, namely, "Heart Cypress," but briefly it has proved to be decidedly superior to all other woods, not only in durability but in appearance. It does not need a coating as a filler, as the wood naturally contains a certain amount of oil. Consequently it does not warp, shrink, or swell, and in general it is the wood for plant-tubs.

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Sometimes architectural features will call for a more decorative tub, and for such purposes we have designed various other kinds in addition to the ordinary round tub.

Among them the most popular are the square tubs Nos. 1, 2, 12, 13, No. 13 being illustrated here. The prices have been computed so as to be as low as it is possible to make them, consistent with the quality of tub we turn out.

If you need tubs, buy good ones, and they will last you for many years. Most tubs, of course, look alike in the store when they are freshly painted, but it is only after using them for a year or so that their value can be realized.

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### Round Tubs

#### PAINTED GREEN—BLACK HOOPS

Inside diam.	Each
10 or 11-in. No handles.....	\$1 75
12 or 13-in. No handles.....	2 25
14-in. Drop handles.....	3 00
15-in. Drop handles.....	3 50
16 or 17-in. Drop handles.....	4 00
18 or 19-in. Drop handles.....	5 00
20 or 21-in. Drop handles.....	5 50
22-in. Drop handles.....	6 00
23-in. Drop handles.....	7 50
24-in. Drop handles.....	8 00
25 or 26-in. Drop handles.....	9 00
27 or 28-in. Hook handles.....	11 50
29 or 30-in. Hook handles.....	12 00

Prices for larger sizes on application

### Square Tubs

No. 1. Straight sides; iron bands and feet; ball tops painted green; iron bands painted black. Each

15 or 16 inches diameter inside.....	\$8 00
17 or 18 inches diameter inside.....	10 00
19 or 20 inches diameter inside.....	12 00
21 or 22 inches diameter inside.....	13 50
23 or 24 inches diameter inside.....	15 00
25 or 26 inches diameter inside.....	16 50
27 or 28 inches diameter inside.....	18 50

Prices for larger sizes on application

### Square Tubs

No. 2. Slanting sides; mission style; painted green.

No. 12. Straight sides; corner posts with ball tops; painted green.

No. 13. Straight sides; lattice work; sandstone finish.

All above designs at the following prices:

	Each
10 or 12 inches diameter inside.....	\$5 00
13 or 14 inches diameter inside.....	6 00
15 or 16 inches diameter inside.....	7 00
17 or 18 inches diameter inside.....	8 50
19 or 20 inches diameter inside.....	10 00
21 or 22 inches diameter inside.....	11 00
23 or 24 inches diameter inside.....	13 00
25 or 26 inches diameter inside.....	15 00
27 or 28 inches diameter inside.....	16 50

Prices for larger sizes on application

### Square Tubs, with rounded corners

Sizes 19-24 inches

Prices on application

Heart Cypress Tubs do not warp, shrink or swell—they will last many years.

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